



## 11594 - A WFC3 Grism Survey for Lyman limit absorption at $z=2$

Cycle: 17, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Dr. John M. O'Meara (PI)</b>	<b>Saint Michaels College</b>	<b>jomeara@smcvt.edu</b>
Dr. Jason X. Prochaska (CoI)	University of California - Santa Cruz	xavier@ucolick.org
Dr. Hsiao-Wen Chen (CoI)	University of Chicago	hchen@oddjob.uchicago.edu
Dr. Piero Madau (CoI)	University of California - Santa Cruz	pmadau@ucolick.org

### VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSS1353-0024	WFC3/UVIS	1	27-Apr-2009 21:02:58.0	yes
02	(2) SDSS1354+0020	WFC3/UVIS	1	27-Apr-2009 21:03:02.0	yes
03	(3) SDSS2216-0057	WFC3/UVIS	1	27-Apr-2009 21:03:04.0	yes
04	(5) SDSS0751+4245	WFC3/UVIS	1	27-Apr-2009 21:03:06.0	yes
05	(6) SDSS0854+5327	WFC3/UVIS	1	27-Apr-2009 21:03:08.0	yes
06	(9) SDSS1259+6720	WFC3/UVIS	1	27-Apr-2009 21:03:10.0	yes
07	(10) SDSS1400+6430	WFC3/UVIS	1	27-Apr-2009 21:03:12.0	yes
08	(11) SDSS1302+0254	WFC3/UVIS	1	27-Apr-2009 21:03:14.0	yes
09	(12) SDSS1336+0157	WFC3/UVIS	1	27-Apr-2009 21:03:16.0	yes

Proposal 11594 (STScI Edit Number: 2, Created: Monday, April 27, 2009 8:04:48 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	(13) SDSS1005+5705	WFC3/UVIS	1	27-Apr-2009 21:03:18.0	yes
11	(14) SDSS1011+0312	WFC3/UVIS	1	27-Apr-2009 21:03:21.0	yes
12	(21) SDSS1235+6301	WFC3/UVIS	1	27-Apr-2009 21:03:22.0	yes
13	(22) SDSS1143+0524	WFC3/UVIS	1	27-Apr-2009 21:03:24.0	yes
14	(24) SDSS1253+0516	WFC3/UVIS	1	27-Apr-2009 21:03:26.0	yes
15	(25) SDSS1300+0556	WFC3/UVIS	1	27-Apr-2009 21:03:28.0	yes
16	(26) SDSS1334+0355	WFC3/UVIS	1	27-Apr-2009 21:03:30.0	yes
17	(27) SDSS1358+0505	WFC3/UVIS	1	27-Apr-2009 21:03:32.0	yes
18	(29) SDSS1228+5107	WFC3/UVIS	1	27-Apr-2009 21:03:33.0	yes
19	(30) SDSS2111+0024	WFC3/UVIS	1	27-Apr-2009 21:03:35.0	yes
20	(31) SDSS2120-0019	WFC3/UVIS	1	27-Apr-2009 21:03:37.0	yes
21	(32) SDSS2121+0052	WFC3/UVIS	1	27-Apr-2009 21:03:39.0	yes
22	(34) SDSS1540+4138	WFC3/UVIS	1	27-Apr-2009 21:03:40.0	yes
23	(37) SDSS1535+4836	WFC3/UVIS	1	27-Apr-2009 21:03:42.0	yes
24	(40) SDSS0755+2204	WFC3/UVIS	1	27-Apr-2009 21:03:44.0	yes
25	(41) SDSS1248+5809	WFC3/UVIS	1	27-Apr-2009 21:03:45.0	yes
26	(42) SDSS1354+5421	WFC3/UVIS	1	27-Apr-2009 21:03:47.0	yes
27	(44) SDSS1220+4608	WFC3/UVIS	1	27-Apr-2009 21:03:48.0	yes
28	(45) SDSS1311+4531	WFC3/UVIS	1	27-Apr-2009 21:03:50.0	yes
29	(46) SDSS1625+2943	WFC3/UVIS	1	27-Apr-2009 21:03:52.0	yes
30	(47) SDSS1215+4248	WFC3/UVIS	1	27-Apr-2009 21:03:53.0	yes
31	(48) SDSS1335+4542	WFC3/UVIS	1	27-Apr-2009 21:03:55.0	yes

Proposal 11594 (STScI Edit Number: 2, Created: Monday, April 27, 2009 8:04:48 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
32	(49) SDSS1335+4637	WFC3/UVIS	1	27-Apr-2009 21:03:57.0	yes
33	(50) SDSS1035+1105	WFC3/UVIS	1	27-Apr-2009 21:03:58.0	yes
34	(51) SDSS1119+1302	WFC3/UVIS	1	27-Apr-2009 21:04:00.0	yes
35	(52) SDSS0833+0815	WFC3/UVIS	1	27-Apr-2009 21:04:01.0	yes
36	(53) SDSS0806+5041	WFC3/UVIS	1	27-Apr-2009 21:04:03.0	yes
37	(54) SDSS2338+1504	WFC3/UVIS	1	27-Apr-2009 21:04:05.0	yes
38	(56) SDSS1342+6015	WFC3/UVIS	1	27-Apr-2009 21:04:06.0	yes
39	(57) SDSS0841+3005	WFC3/UVIS	1	27-Apr-2009 21:04:08.0	yes
40	(58) SDSS1323+4149	WFC3/UVIS	1	27-Apr-2009 21:04:09.0	yes
41	(59) SDSS1625+2646	WFC3/UVIS	1	27-Apr-2009 21:04:11.0	yes
42	(60) SDSS0949+0522	WFC3/UVIS	1	27-Apr-2009 21:04:12.0	yes
43	(61) SDSS0913+4223	WFC3/UVIS	1	27-Apr-2009 21:04:14.0	yes
44	(62) SDSS0845+0722	WFC3/UVIS	1	27-Apr-2009 21:04:15.0	yes
45	(63) SDSS1329+0040	WFC3/UVIS	1	27-Apr-2009 21:04:17.0	yes
46	(64) SDSS1107+6420	WFC3/UVIS	1	27-Apr-2009 21:04:18.0	yes
47	(65) SDSS2108-0630	WFC3/UVIS	1	27-Apr-2009 21:04:20.0	yes
48	(66) SDSS1415+3706	WFC3/UVIS	1	27-Apr-2009 21:04:22.0	yes
49	(68) SDSS0909+0415	WFC3/UVIS	1	27-Apr-2009 21:04:23.0	yes
50	(69) SDSS1135+4607	WFC3/UVIS	1	27-Apr-2009 21:04:25.0	yes
51	(70) SDSS1651+4002	WFC3/UVIS	1	27-Apr-2009 21:04:26.0	yes
52	(71) SDSS1533+3843	WFC3/UVIS	1	27-Apr-2009 21:04:27.0	yes
53	(72) SDSS2136+1029	WFC3/UVIS	1	27-Apr-2009 21:04:29.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
54	(73) SDSS1325+6634	WFC3/UVIS	1	27-Apr-2009 21:04:30.0	yes
55	(74) SDSS1454+0324	WFC3/UVIS	1	27-Apr-2009 21:04:32.0	yes
56	(75) SDSS1113+0300	WFC3/UVIS	1	27-Apr-2009 21:04:34.0	yes
57	(76) SDSS1724+5314	WFC3/UVIS	1	27-Apr-2009 21:04:35.0	yes
58	(78) SDSS0850+5636	WFC3/UVIS	1	27-Apr-2009 21:04:36.0	yes
59	(79) SDSS1104+0246	WFC3/UVIS	1	27-Apr-2009 21:04:38.0	yes
60	(81) SDSS0853+4456	WFC3/UVIS	1	27-Apr-2009 21:04:39.0	yes
61	(83) SDSS1318+5312	WFC3/UVIS	1	27-Apr-2009 21:04:41.0	yes
62	(87) SDSS1529+4527	WFC3/UVIS	1	27-Apr-2009 21:04:43.0	yes
63	(90) SDSS1610+4423	WFC3/UVIS	1	27-Apr-2009 21:04:44.0	yes
64	(92) SDSS1053+4007	WFC3/UVIS	1	27-Apr-2009 21:04:45.0	yes

64 Total Orbits Used

## ABSTRACT

We propose to conduct a spectroscopic survey of Lyman limit absorbers at redshifts  $1.8 < z < 2.5$ , using WFC3 and the G280 grism. This proposal intends to complete an approved Cycle 15 SNAP program (#10878) which was cut short due to the ACS failure. We have selected 64 quasars at  $2.3 < z < 2.6$  from the Sloan Digital Sky Survey Spectroscopic Quasar sample, for which no BAL signature is found at the QSO redshift and no strong metal absorption lines are present at  $z > 2.3$  along the lines of sight. The survey has three main observational goals. First, we will determine the redshift frequency  $dn/dz$  of the LLS over the column density range  $16.0 < \log(\text{NHI}) < 20.3 \text{ cm}^{-2}$ . Second, we will measure the column density frequency distribution  $f(N)$  for the partial Lyman limit systems (PLLS) over the column density range  $16.0 < \log(\text{NHI}) < 17.5 \text{ cm}^{-2}$ . Third, we will identify those sightlines which could provide a measurement of the primordial D/H ratio. By carrying out this survey, we can also help place meaningful constraints on two key quantities of cosmological relevance. First, we will estimate the amount of metals in the LLS using the  $f(N)$ , and ground based observations of metal line transitions. Second, by determining  $f(N)$  of the PLLS, we can constrain the amplitude of the ionizing UV

background at  $z \sim 2$  to a greater precision. This survey is ideal for a snapshot observing program, because the on-object integration times are all well below 30 minutes, and follow-up observations from the ground require minimal telescope time due to the QSO sample being bright.

### **OBSERVING DESCRIPTION**

We propose to obtain 64 WFC3 G280 grism spectra of bright ( $g' < 18.4$ ) quasars from the Sloan Digital Sky Survey to search for the break in flux caused by intervening Lyman limit absorption. For each target, we require a total exposure time of 640 seconds, CRSPLIT into 2 sub exposures of 300 and 340 seconds respectively, with the times chosen as to avoid additional overhead due to buffer dumps. Prior to the grism science exposures, we obtain a short (60 second) F200LP image of the target to aid in wavelength calibration.

Proposal 11594 - Visit 01 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:49 GMT 2009

Visit	Proposal 11594, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>SDSS1353-0024</td> <td>RA: 13 53 26.2700 (208.3594583d) Dec: -00 24 0.90 (-.40025d) Equinox: J2000</td> <td>Redshift: 2.41600</td> <td>V=18.0820+/-0.0200000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	SDSS1353-0024	RA: 13 53 26.2700 (208.3594583d) Dec: -00 24 0.90 (-.40025d) Equinox: J2000	Redshift: 2.41600	V=18.0820+/-0.0200000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																			
(1)	SDSS1353-0024	RA: 13 53 26.2700 (208.3594583d) Dec: -00 24 0.90 (-.40025d) Equinox: J2000	Redshift: 2.41600	V=18.0820+/-0.0200000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(1) SDSS1353-0024</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(1) SDSS1353-0024</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(1) SDSS1353-0024	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(1) SDSS1353-0024	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																															
1		(1) SDSS1353-0024	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																															
2		(1) SDSS1353-0024	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring around 400s.</li> <li><b>Overhead:</b> Periods of non-observation between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows, occurring around 700s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows, occurring around 1100s.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not observed.</li> <li><b>Overhead:</b> Another overhead period following the second split.</li> <li><b>Occultation:</b> The target is occulted starting around 3200s.</li> </ul> <p>A green bar at the bottom indicates the total observation time from approximately 1400s to 3200s. A blue checkered bar highlights the time between the first and second splits of Exposure 2.</p>																																							

<b>Visit</b>	Proposal 11594, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(2)		SDSS1354+0020	RA: 13 54 45.6600 (208.6902500d) Dec: +00 20 50.30 (.34731d) Equinox: J2000	Redshift: 2.50300	V=18.1950+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(2) SDSS1354+0020	(2) SDSS1354+0020	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	[1]
	2	(2) SDSS1354+0020	(2) SDSS1354+0020	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	[1]
									[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring around 400s.</li> <li><b>Overhead:</b> Periods of non-visibility, shown as black bars.</li> <li><b>Exp. 2, split 1:</b> First split of exposure 2, marked with a green box and double arrows, occurring around 700s.</li> <li><b>Exp. 2, split 2:</b> Second split of exposure 2, marked with a green box and double arrows, occurring around 1100s.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not being observed, shown as a green bar.</li> <li><b>Occultation:</b> The end of the observation period, shown as a white bar starting around 3200s.</li> </ul>									

Proposal 11594 - Visit 03 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:50 GMT 2009

Visit	Proposal 11594, Visit 03, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>SDSS2216-0057</td> <td>RA: 22 16 8.8800 (334.0370000d) Dec: -00 57 8.50 (-.95236d) Equinox: J2000</td> <td>Redshift: 2.39600</td> <td>V=17.6500+/-0.0220000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	SDSS2216-0057	RA: 22 16 8.8800 (334.0370000d) Dec: -00 57 8.50 (-.95236d) Equinox: J2000	Redshift: 2.39600	V=17.6500+/-0.0220000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																			
(3)	SDSS2216-0057	RA: 22 16 8.8800 (334.0370000d) Dec: -00 57 8.50 (-.95236d) Equinox: J2000	Redshift: 2.39600	V=17.6500+/-0.0220000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(3) SDSS2216-0057</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(3) SDSS2216-0057</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(3) SDSS2216-0057	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(3) SDSS2216-0057	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																															
1	(3) SDSS2216-0057	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																															
2	(3) SDSS2216-0057	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring shortly after GS Acq.</li> <li><b>Overhead:</b> Periods of non-exposure time between exposures.</li> <li><b>Exp. 2, split 1:</b> The first split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> The second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not being observed.</li> <li><b>Occultation:</b> The end of the observation period where the target is obscured.</li> </ul> <p>The timeline is marked in 500-second increments from 0 to 5500 seconds.</p>																																							

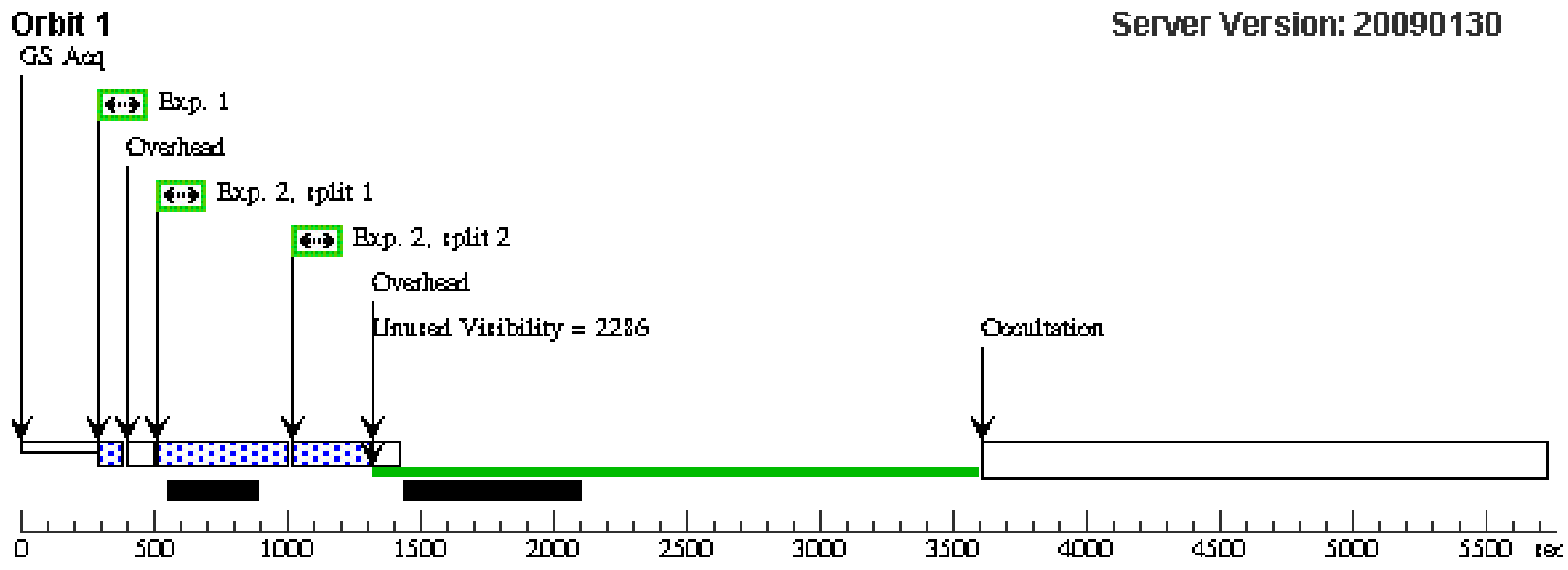
Proposal 11594 - Visit 04 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:50 GMT 2009

Visit	Proposal 11594, Visit 04, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>SDSS0751+4245</td> <td>RA: 07 51 58.6500 (117.9943750d) Dec: +42 45 22.90 (42.75636d) Equinox: J2000</td> <td>Redshift: 2.45300</td> <td>V=17.8330+/-0.0140000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	SDSS0751+4245	RA: 07 51 58.6500 (117.9943750d) Dec: +42 45 22.90 (42.75636d) Equinox: J2000	Redshift: 2.45300	V=17.8330+/-0.0140000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(5)	SDSS0751+4245	RA: 07 51 58.6500 (117.9943750d) Dec: +42 45 22.90 (42.75636d) Equinox: J2000	Redshift: 2.45300	V=17.8330+/-0.0140000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(5) SDSS0751+4245</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(5) SDSS0751+4245</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(5) SDSS0751+4245	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(5) SDSS0751+4245	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(5) SDSS0751+4245	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																														
2	(5) SDSS0751+4245	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring shortly after GS Acq.</li> <li><b>Overhead:</b> Periods of non-exposure time between exposures.</li> <li><b>Exp. 2, split 1:</b> The first split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> The second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Unused Visibility = 2023:</b> A period where the target is visible but not being observed.</li> <li><b>Overhead:</b> Additional non-exposure time following the second split of Exposure 2.</li> <li><b>Occultation:</b> The end of the observation period where the target is obscured.</li> </ul> <p>The x-axis represents time in seconds, ranging from 0 to 5500 with major ticks every 500 seconds.</p>																																						

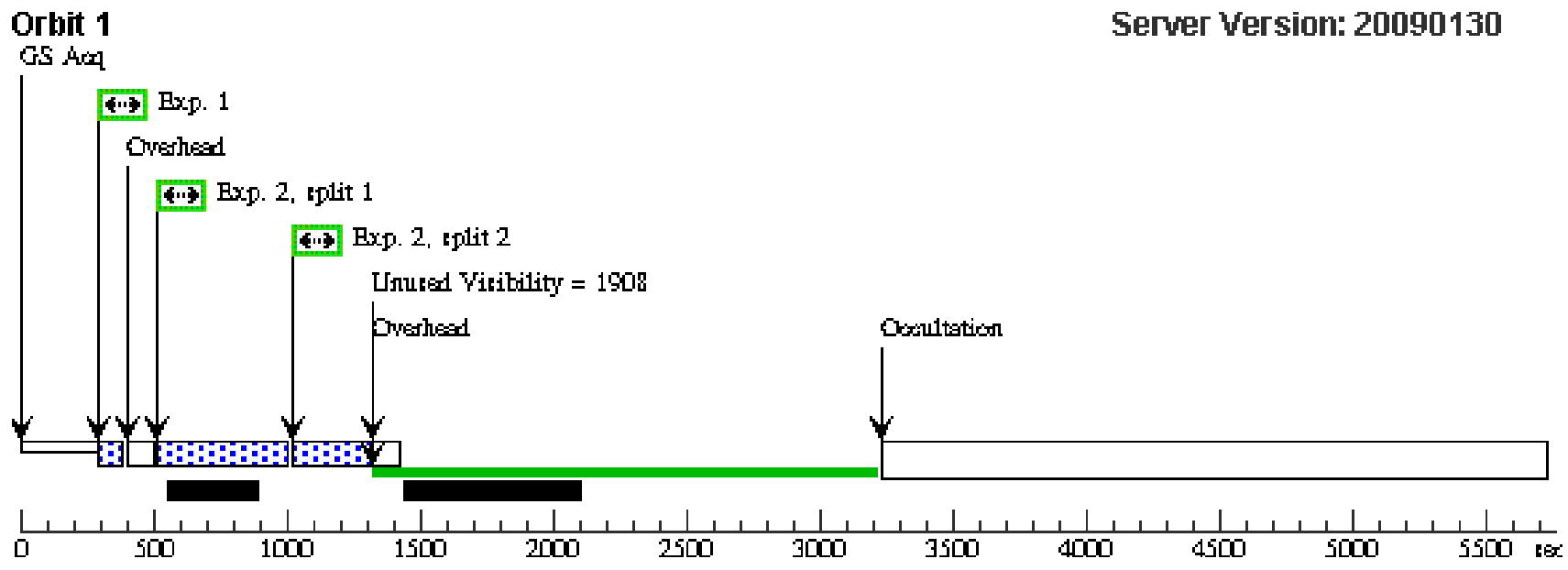
<b>Visit</b>	Proposal 11594, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(6)		SDSS0854+5327	RA: 08 54 17.6000 (133.5733333d) Dec: +53 27 35.20 (53.45978d) Equinox: J2000	Redshift: 2.41800	V=17.4890+/-0.0180000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) SDSS0854+5327	(6) SDSS0854+5327	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]
	2	(6) SDSS0854+5327	(6) SDSS0854+5327	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
<b>Orbit Structure</b>	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:                 <ul style="list-style-type: none"> <li><b>GS Acq</b>: Ground Station Acquisition at 0 seconds.</li> <li><b>Exp. 1</b>: Exposure 1 starting at approximately 300 seconds.</li> <li><b>Overhead</b>: Periods of overhead activity at approximately 400 and 1000 seconds.</li> <li><b>Exp. 2, split 1</b>: First split of Exposure 2 starting at approximately 500 seconds.</li> <li><b>Exp. 2, split 2</b>: Second split of Exposure 2 starting at approximately 800 seconds.</li> <li><b>Unused Visibility = 2125</b>: A period of 2125 seconds of unused visibility between approximately 1300 and 1500 seconds.</li> <li><b>Occultation</b>: The start of occultation at approximately 3500 seconds.</li> </ul>                 A green bar highlights the interval from approximately 1500 to 3500 seconds, and a blue checkered bar highlights the interval from approximately 300 to 1300 seconds.             </p>									

<b>Visit</b>	Proposal 11594, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(9)		SDSS1259+6720	RA: 12 59 14.8500 (194.8118750d) Dec: +67 20 11.80 (67.33661d) Equinox: J2000	Redshift: 2.44200	V=17.9770+/-0.0160000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(9) SDSS1259+6720	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	0		60 Secs	
									[==>]	[1]
	2	(9) SDSS1259+6720	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0	0		640 Secs	
									[==>350.0 Secs (Split 1)]	[1]
									[==>290.0 Secs (Split 2)]	



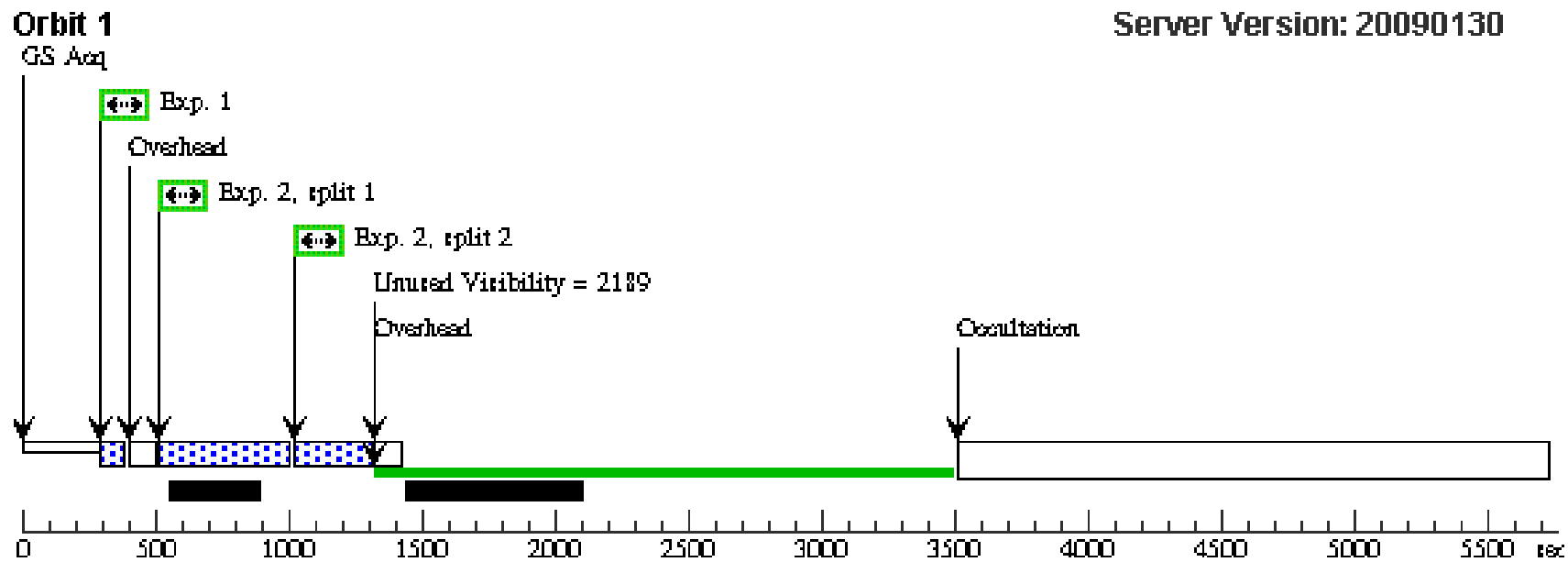
Visit	Proposal 11594, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(10)</td> <td>SDSS1400+6430</td> <td>RA: 14 00 28.8100 (210.1200417d) Dec: +64 30 30.90 (64.50858d) Equinox: J2000</td> <td>Redshift: 2.36000</td> <td>V=18.1600+/-0.0160000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(10)	SDSS1400+6430	RA: 14 00 28.8100 (210.1200417d) Dec: +64 30 30.90 (64.50858d) Equinox: J2000	Redshift: 2.36000	V=18.1600+/-0.0160000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(10)	SDSS1400+6430	RA: 14 00 28.8100 (210.1200417d) Dec: +64 30 30.90 (64.50858d) Equinox: J2000	Redshift: 2.36000	V=18.1600+/-0.0160000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(10) SDSS1400+6430</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(10) SDSS1400+6430</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(10) SDSS1400+6430	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(10) SDSS1400+6430	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(10) SDSS1400+6430	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(10) SDSS1400+6430	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1 starting around 300s.</li> <li><b>Overhead:</b> Periods of non-observation between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting around 500s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting around 1000s.</li> <li><b>Unused Visibility = 2203:</b> A period of 2203 seconds where the target is visible but not observed.</li> <li><b>Occultation:</b> The target is occulted starting at approximately 3500s.</li> </ul>																																						

<b>Visit</b>	Proposal 11594, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(11)		SDSS1302+0254	RA: 13 02 40.1600 (195.6673333d) Dec: +02 54 57.60 (2.91600d) Equinox: J2000	Redshift: 2.41500	V=17.9000+/-0.0210000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(11) SDSS1302+0254	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(11) SDSS1302+0254	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]	
							[==>350.0 Secs (Split 1)]			
							[==>290.0 Secs (Split 2)]			



<b>Visit</b>	Proposal 11594, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(12)		SDSS1336+0157	RA: 13 36 46.5600 (204.1940000d) Dec: +01 57 41.90 (1.96164d) Equinox: J2000	Redshift: 2.37800	V=18.0250+/-0.0220000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) SDSS1336+0157	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(12) SDSS1336+0157	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]	
							[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]			
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p> <p>The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq at 0s; Exp. 1 (green box) at ~300s; Overhead at ~400s; Exp. 2, split 1 (green box) at ~500s; Exp. 2, split 2 (green box) at ~1000s; Overhead at ~1100s; Unused Visibility = 1908s (indicated by a blue hatched bar from ~1300s to ~2200s); Occultation starting at ~3200s. A green bar at the bottom represents the total observation time from ~300s to ~3200s.</p>									

<b>Visit</b>	Proposal 11594, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	SDSS1005+5705	RA: 10 05 41.2600 (151.4219167d) Dec: +57 05 44.60 (57.09572d) Equinox: J2000	Redshift: 2.30600	V=18.0410+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(13) SDSS1005+5705	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(13) SDSS1005+5705	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]	
							[==>350.0 Secs (Split 1)]			
							[==>290.0 Secs (Split 2)]			

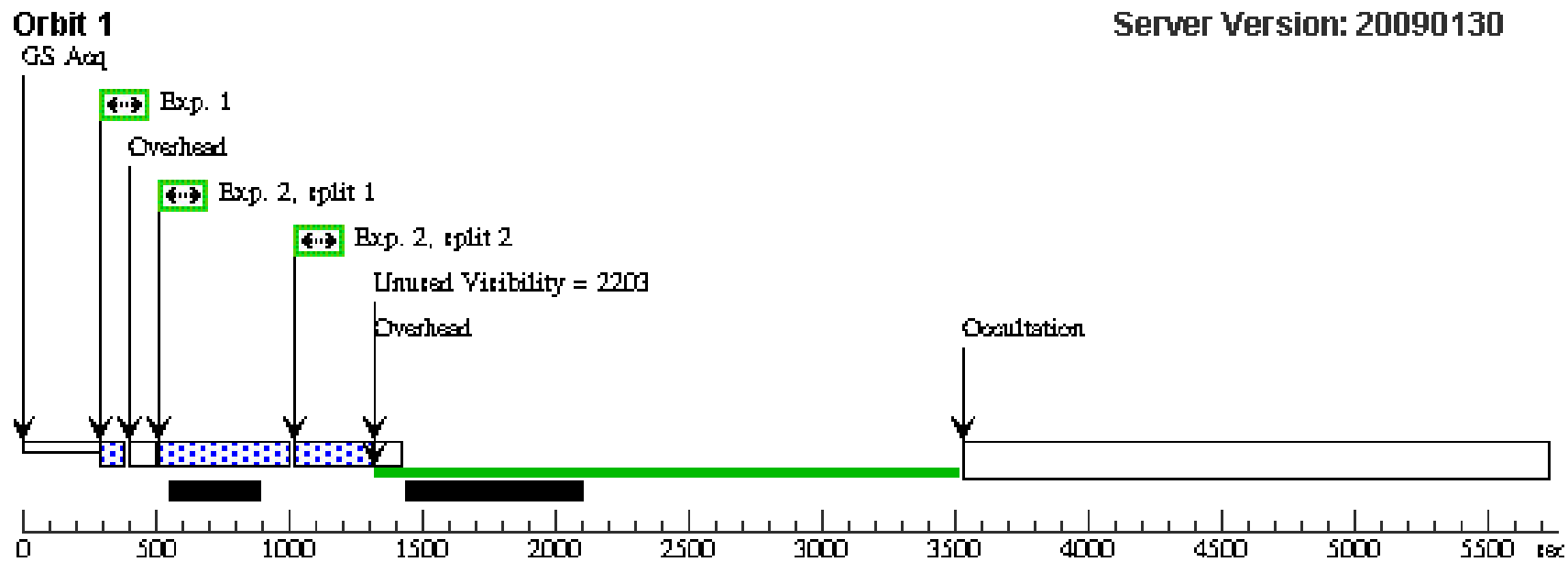


Proposal 11594 - Visit 11 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:52 GMT 2009

Visit	Proposal 11594, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																				
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(14)</td> <td>SDSS1011+0312</td> <td>RA: 10 11 20.3900 (152.8349583d) Dec: +03 12 44.60 (3.21239d) Equinox: J2000</td> <td>Redshift: 2.45700</td> <td>V=17.7640+/-0.0180000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	SDSS1011+0312	RA: 10 11 20.3900 (152.8349583d) Dec: +03 12 44.60 (3.21239d) Equinox: J2000	Redshift: 2.45700	V=17.7640+/-0.0180000	Reference Frame: SDSS																
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																
(14)	SDSS1011+0312	RA: 10 11 20.3900 (152.8349583d) Dec: +03 12 44.60 (3.21239d) Equinox: J2000	Redshift: 2.45700	V=17.7640+/-0.0180000	Reference Frame: SDSS																																
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(14) SDSS1011+0312</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td>60 Secs</td> <td></td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(14) SDSS1011+0312</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td>POS TARG 0.0,-50.0</td> <td>640 Secs</td> <td>[==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td></td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(14) SDSS1011+0312	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	2	(14) SDSS1011+0312	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs	[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																												
1	(14) SDSS1011+0312	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]																													
2	(14) SDSS1011+0312	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs	[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]																													
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Periods of non-visibility between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Another period of non-visibility.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not observed.</li> <li><b>Occultation:</b> The end of the observation period.</li> </ul> <p>The timeline shows alternating periods of observation (blue checkered bars) and non-visibility (black bars). A green bar indicates the total observation time, which ends at approximately 3200 seconds.</p>																																				

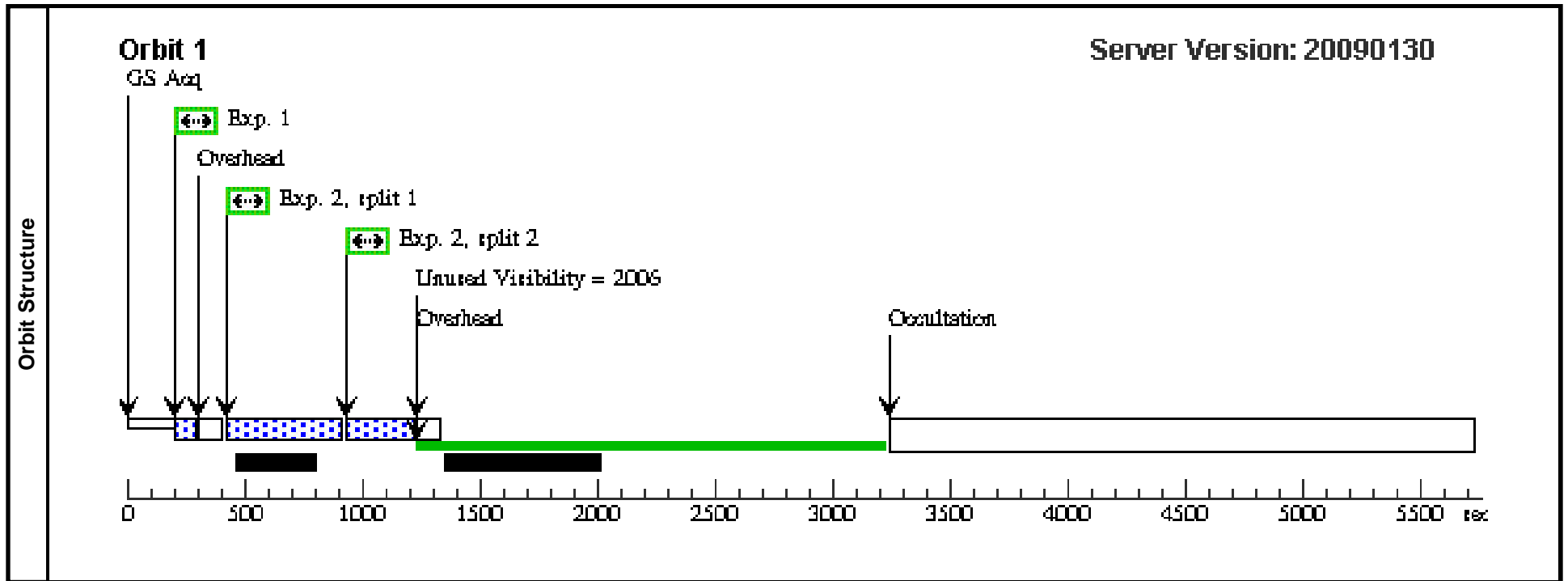
<b>Visit</b>	Proposal 11594, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(21)	SDSS1235+6301	RA: 12 35 15.8400 (188.8160000d) Dec: +63 01 13.40 (63.02039d) Equinox: J2000	Redshift: 2.38300	V=17.4580+/-0.0140000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(21) SDSS1235+6301	(21) SDSS1235+6301	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
									[==>]	[1]
	2	(21) SDSS1235+6301	(21) SDSS1235+6301	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
								[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	



Proposal 11594 - Visit 13 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:53 GMT 2009

Visit	<b>Proposal 11594, Visit 13, implementation</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(22)	SDSS1143+0524	RA: 11 43 58.5200 (175.9938333d) Dec: +05 24 45.00 (5.41250d) Equinox: J2000	Redshift: 2.56100	V=17.0800+/-0.0320000	Reference Frame: SDSS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(22) SDSS1143+0524 4	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0; GS ACQ SCENARI O SINGLE		60 Secs [==>]	[1]
2		(22) SDSS1143+0524 4	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	



Visit	Proposal 11594, Visit 14, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(24)</td> <td>SDSS1253+0516</td> <td>RA: 12 53 45.4900 (193.4395417d) Dec: +05 16 11.30 (5.26981d) Equinox: J2000</td> <td>Redshift: 2.39600</td> <td>V=18.1410+/-0.0170000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(24)	SDSS1253+0516	RA: 12 53 45.4900 (193.4395417d) Dec: +05 16 11.30 (5.26981d) Equinox: J2000	Redshift: 2.39600	V=18.1410+/-0.0170000	Reference Frame: SDSS																	
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(24)	SDSS1253+0516	RA: 12 53 45.4900 (193.4395417d) Dec: +05 16 11.30 (5.26981d) Equinox: J2000	Redshift: 2.39600	V=18.1410+/-0.0170000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(24) SDSS1253+0516</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(24) SDSS1253+0516</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(24) SDSS1253+0516	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(24) SDSS1253+0516	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(24) SDSS1253+0516	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																															
2	(24) SDSS1253+0516	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground station acquisition at the start.</li> <li><b>Exp. 1:</b> First exposure starting around 300s.</li> <li><b>Overhead:</b> Periods between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of the second exposure starting around 500s.</li> <li><b>Exp. 2, split 2:</b> Second split of the second exposure starting around 1000s.</li> <li><b>Unused Visibility = 1914:</b> A period where the target is visible but not observed.</li> <li><b>Overhead:</b> Another overhead period.</li> <li><b>Occultation:</b> The target is occulted starting around 3200s.</li> </ul> <p>A green bar at the bottom indicates the total exposure duration from approximately 300s to 3200s. A blue checkered bar highlights the split exposure periods from 500s to 1300s.</p>																																							

Proposal 11594 - Visit 15 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:53 GMT 2009

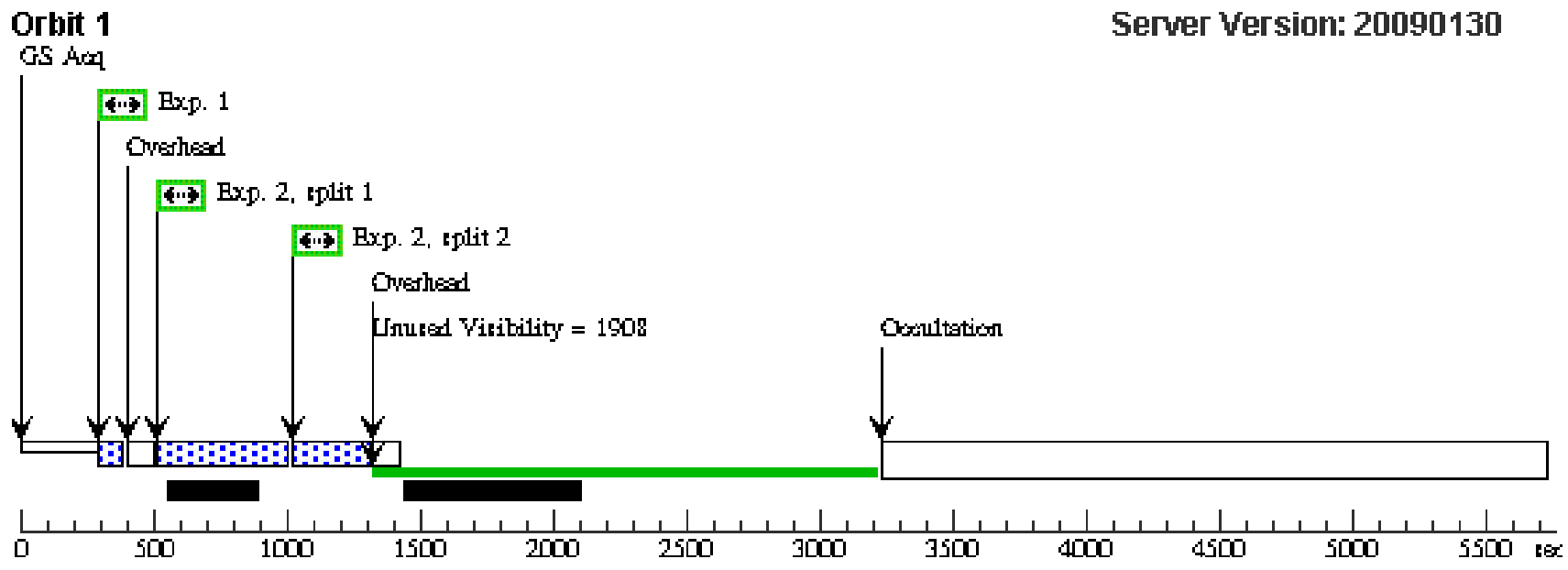
Visit	Proposal 11594, Visit 15, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(25)</td> <td>SDSS1300+0556</td> <td>RA: 13 00 55.6700 (195.2319583d) Dec: +05 56 20.50 (5.93903d) Equinox: J2000</td> <td>Redshift: 2.43400</td> <td>V=18.0520+/-0.0160000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(25)	SDSS1300+0556	RA: 13 00 55.6700 (195.2319583d) Dec: +05 56 20.50 (5.93903d) Equinox: J2000	Redshift: 2.43400	V=18.0520+/-0.0160000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																			
(25)	SDSS1300+0556	RA: 13 00 55.6700 (195.2319583d) Dec: +05 56 20.50 (5.93903d) Equinox: J2000	Redshift: 2.43400	V=18.0520+/-0.0160000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(25) SDSS1300+0556</td> <td>(25) SDSS1300+0556</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(25) SDSS1300+0556</td> <td>(25) SDSS1300+0556</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(25) SDSS1300+0556	(25) SDSS1300+0556	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2	(25) SDSS1300+0556	(25) SDSS1300+0556	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																															
1	(25) SDSS1300+0556	(25) SDSS1300+0556	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																															
2	(25) SDSS1300+0556	(25) SDSS1300+0556	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring around 400s.</li> <li><b>Overhead:</b> Periods of overhead between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows, occurring around 700s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows, occurring around 1100s.</li> <li><b>Unused Visibility = 1914:</b> A period of 1914 seconds where the target is visible but not observed, shown as a green bar from approximately 1400s to 3300s.</li> <li><b>Occultation:</b> A period where the target is obscured, shown as a white bar from approximately 3300s to 5500s.</li> </ul>																																							

Visit	Proposal 11594, Visit 16, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(26)</td> <td>SDSS1334+0355</td> <td>RA: 13 34 33.8800 (203.6411667d) Dec: +03 55 45.20 (3.92922d) Equinox: J2000</td> <td>Redshift: 2.58200</td> <td>V=18.0880+/-0.0150000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(26)	SDSS1334+0355	RA: 13 34 33.8800 (203.6411667d) Dec: +03 55 45.20 (3.92922d) Equinox: J2000	Redshift: 2.58200	V=18.0880+/-0.0150000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(26)	SDSS1334+0355	RA: 13 34 33.8800 (203.6411667d) Dec: +03 55 45.20 (3.92922d) Equinox: J2000	Redshift: 2.58200	V=18.0880+/-0.0150000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(26) SDSS1334+035 5</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(26) SDSS1334+035 5</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(26) SDSS1334+035 5	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(26) SDSS1334+035 5	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(26) SDSS1334+035 5	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																														
2	(26) SDSS1334+035 5	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1 starting around 300s.</li> <li><b>Overhead:</b> Periods of non-observation between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting around 500s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting around 1000s.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not observed.</li> <li><b>Occultation:</b> The end of the observation period around 3200s.</li> </ul>																																						

Visit	Proposal 11594, Visit 17, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(27)</td> <td>SDSS1358+0505</td> <td>RA: 13 58 31.7800 (209.6324167d) Dec: +05 05 22.80 (5.08967d) Equinox: J2000</td> <td>Redshift: 2.44800</td> <td>V=17.1700+/-0.0240000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(27)	SDSS1358+0505	RA: 13 58 31.7800 (209.6324167d) Dec: +05 05 22.80 (5.08967d) Equinox: J2000	Redshift: 2.44800	V=17.1700+/-0.0240000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(27)	SDSS1358+0505	RA: 13 58 31.7800 (209.6324167d) Dec: +05 05 22.80 (5.08967d) Equinox: J2000	Redshift: 2.44800	V=17.1700+/-0.0240000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(27) SDSS1358+0505 5</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(27) SDSS1358+0505 5</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(27) SDSS1358+0505 5	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(27) SDSS1358+0505 5	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(27) SDSS1358+0505 5	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																														
2	(27) SDSS1358+0505 5	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground station acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> First exposure, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Time between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of the second exposure, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of the second exposure, marked with a green box and double arrows.</li> <li><b>Unused Visibility = 1914:</b> A period where the target is visible but not observed.</li> <li><b>Overhead:</b> Additional overhead time.</li> <li><b>Occultation:</b> The end of the observation period.</li> </ul> <p>A green bar at the bottom indicates the total observation time, which is approximately 3200 seconds long, starting around 300 seconds and ending at 3200 seconds.</p>																																						

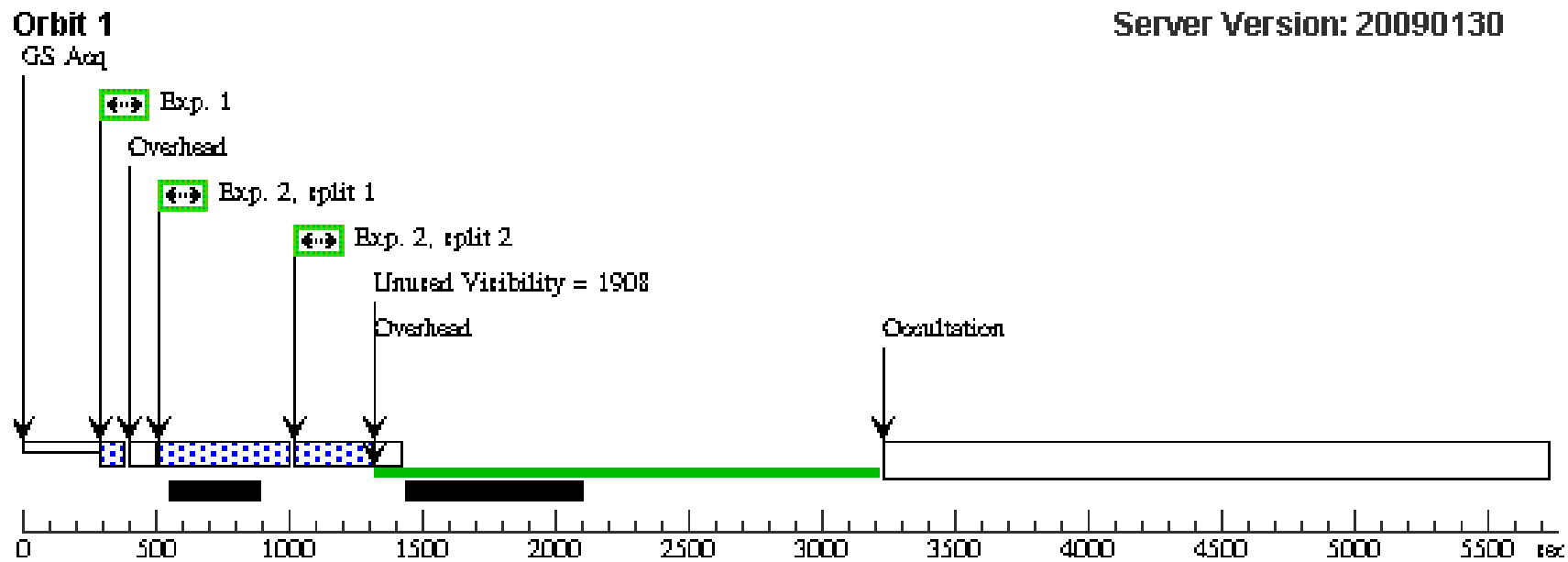
Visit	Proposal 11594, Visit 18, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(29)</td> <td>SDSS1228+5107</td> <td>RA: 12 28 36.0500 (187.1502083d) Dec: +51 07 46.20 (51.12950d) Equinox: J2000</td> <td>Redshift: 2.44200</td> <td>V=17.9450+/-0.0330000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(29)	SDSS1228+5107	RA: 12 28 36.0500 (187.1502083d) Dec: +51 07 46.20 (51.12950d) Equinox: J2000	Redshift: 2.44200	V=17.9450+/-0.0330000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(29)	SDSS1228+5107	RA: 12 28 36.0500 (187.1502083d) Dec: +51 07 46.20 (51.12950d) Equinox: J2000	Redshift: 2.44200	V=17.9450+/-0.0330000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(29) 7</td> <td>SDSS1228+510</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(29) 7</td> <td>SDSS1228+510</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(29) 7	SDSS1228+510	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2	(29) 7	SDSS1228+510	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(29) 7	SDSS1228+510	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2	(29) 7	SDSS1228+510	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at 0 seconds.</li> <li><b>Exp. 1:</b> Exposure 1 starting at approximately 300 seconds.</li> <li><b>Overhead:</b> Periods of overhead between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting at approximately 500 seconds.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting at approximately 1000 seconds.</li> <li><b>Overhead:</b> Another overhead period between the splits of Exposure 2.</li> <li><b>Unused Visibility = 2125:</b> A period of 2125 seconds of unused visibility from approximately 1400 to 3500 seconds, highlighted with a green bar.</li> <li><b>Occultation:</b> The start of occultation at approximately 3500 seconds.</li> </ul>																																						

<b>Visit</b>	Proposal 11594, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(30)	SDSS2111+0024	RA: 21 11 57.7800 (317.9907500d) Dec: +00 24 57.50 (.41597d) Equinox: J2000	Redshift: 2.32500	V=17.9800+/-0.0110000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(30) SDSS2111+0024	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		4							[==>]	[1]
	2		(30) SDSS2111+0024	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		4						[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	

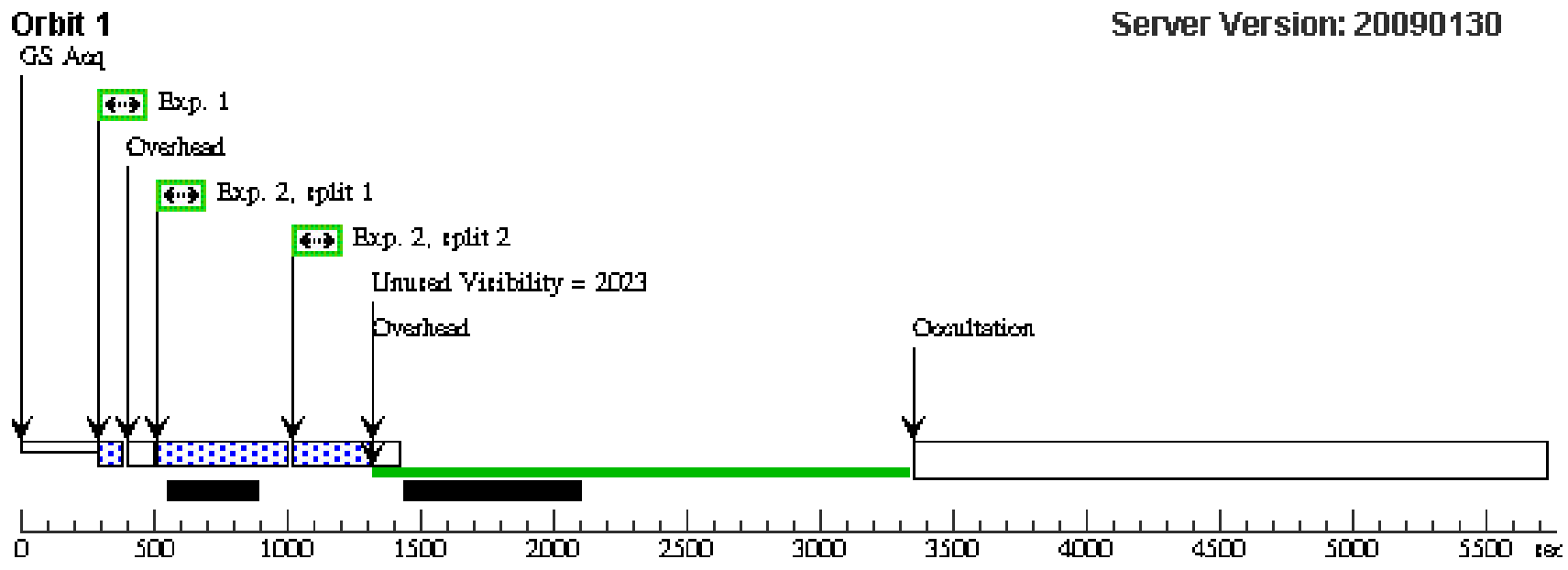


<b>Visit</b>	Proposal 11594, Visit 20, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(31)		SDSS2120-0019	RA: 21 20 25.7900 (320.1074583d) Dec: -00 19 48.00 (-.33000d) Equinox: J2000	Redshift: 2.58100	V=17.7320+/-0.0160000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(31) SDSS2120-0019	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(31) SDSS2120-0019	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]	
							[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]			
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p> <p>The diagram shows the following sequence of events on a timeline from 0 to 5500 seconds:</p> <ul style="list-style-type: none"> <li>0s: GS Acq (Green bar starts)</li> <li>~300s: Exp. 1 (Green bar)</li> <li>~350s: Overhead (Black bar)</li> <li>~400s: Exp. 2, split 1 (Green bar)</li> <li>~450s: Exp. 2, split 2 (Green bar)</li> <li>~500s: Overhead (Black bar)</li> <li>~550s: Unused Visibility = 1908 (Green bar)</li> <li>~1400s: Overhead (Black bar)</li> <li>~1450s: Occultation (Green bar ends)</li> </ul>									

<b>Visit</b>	Proposal 11594, Visit 21, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(32)		SDSS2121+0052	RA: 21 21 59.0400 (320.4960000d) Dec: +00 52 24.10 (.87336d) Equinox: J2000	Redshift: 2.36900	V=18.1320+/-0.0180000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(32) SDSS2121+005	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		2					0		[==>]	[1]
	2		(32) SDSS2121+005	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		2				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	



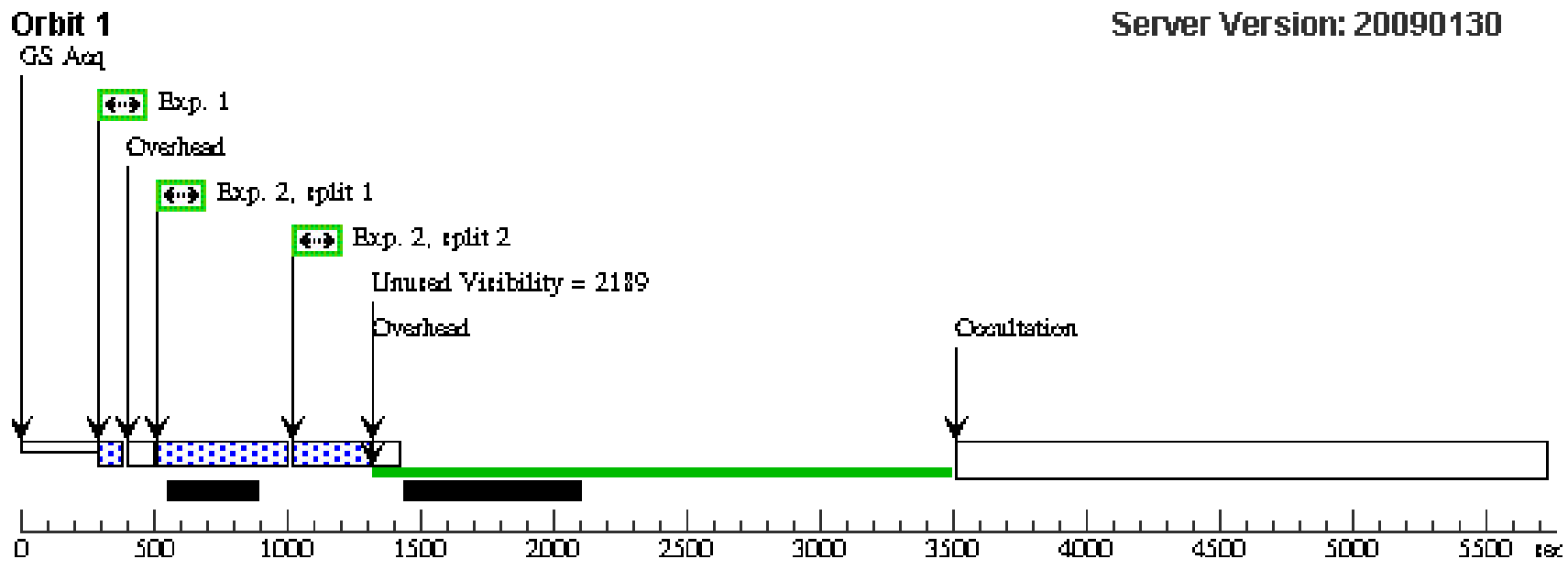
<b>Visit</b>	Proposal 11594, Visit 22, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(34)		SDSS1540+4138	RA: 15 40 42.9800 (235.1790833d) Dec: +41 38 16.30 (41.63786d) Equinox: J2000	Redshift: 2.51700	V=17.5560+/-0.0140000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(34) SDSS1540+4138	8	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
									[==>]	[1]
	2	(34) SDSS1540+4138	8	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
								[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	



<b>Visit</b>	Proposal 11594, Visit 23, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(37)		SDSS1535+4836	RA: 15 35 14.6500 (233.8110417d) Dec: +48 36 59.70 (48.61658d) Equinox: J2000	Redshift: 2.56200	V=17.9220+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(37) SDSS1535+4836	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			6						[==>]	[1]
	2		(37) SDSS1535+4836	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			6					[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p>									
	<p>Orbit 1 GS Acq</p> <p>Exp. 1</p> <p>Overhead</p> <p>Exp. 2, split 1</p> <p>Exp. 2, split 2</p> <p>Unused Visibility = 2070</p> <p>Overhead</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

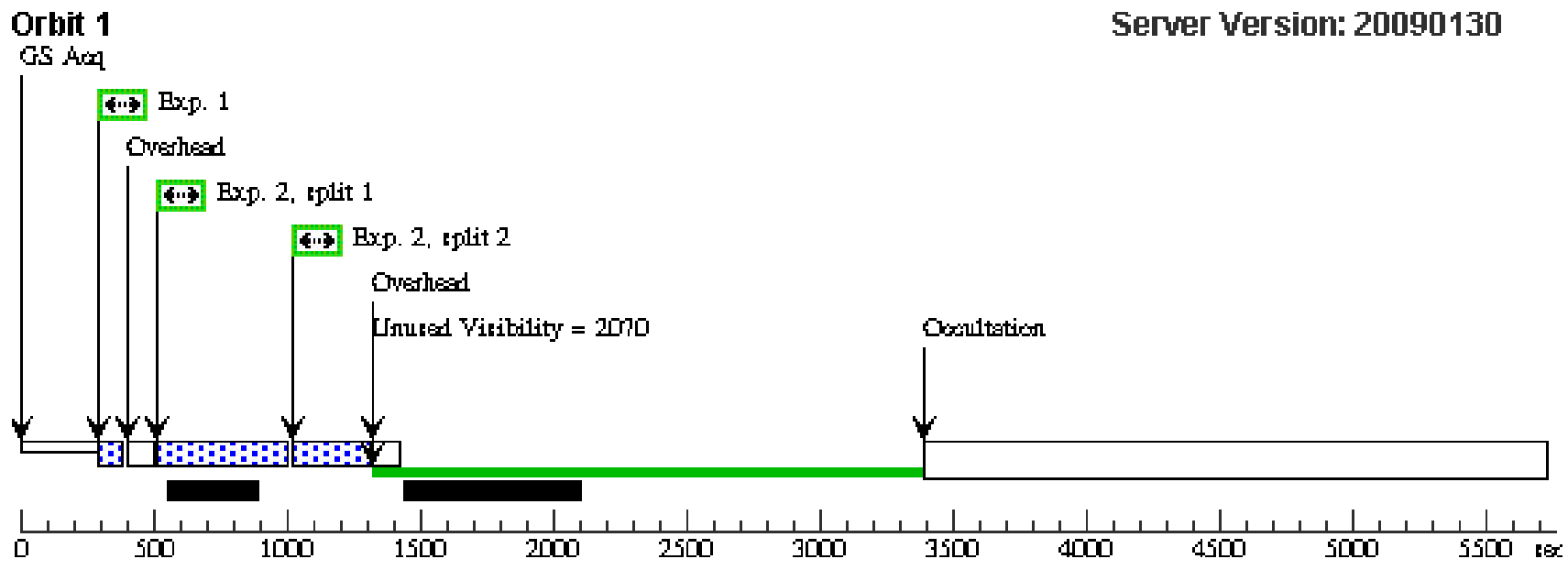
<b>Visit</b>	Proposal 11594, Visit 24, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	SDSS0755+2204	RA: 07 55 47.8300 (118.9492917d) Dec: +22 04 50.10 (22.08058d) Equinox: J2000	Redshift: 2.31900	V=17.7040+/-0.0120000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(40) SDSS0755+2204	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		4					0		[==>]	[1]
	2		(40) SDSS0755+2204	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		4				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>GS Acq</p> <p>Exp. 1</p> <p>Overhead</p> <p>Exp. 2, split 1</p> <p>Exp. 2, split 2</p> <p>Overhead</p> <p>Unused Visibility = 1930</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>									

<b>Visit</b>	Proposal 11594, Visit 25, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(41)	SDSS1248+5809	RA: 12 48 31.6500 (192.1318750d) Dec: +58 09 28.90 (58.15803d) Equinox: J2000	Redshift: 2.59300	V=17.7490+/-0.0220000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(41) SDSS1248+5809	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(41) SDSS1248+5809	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs				
							[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]	



<b>Visit</b>	Proposal 11594, Visit 26, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(42)		SDSS1354+5421	RA: 13 54 12.2800 (208.5511667d) Dec: +54 21 0.10 (54.35003d) Equinox: J2000	Redshift: 2.31000	V=18.0680+/-0.0200000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(42) SDSS1354+5421	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(42) SDSS1354+5421	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs				
							[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]	
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p> <p>The diagram shows the following sequence of events on a timeline from 0 to 5500 seconds:</p> <ul style="list-style-type: none"> <li>0s: GS Acq (Green bar starts)</li> <li>~350s: Exp. 1 (Green bar)</li> <li>~400s: Overhead (Black bar)</li> <li>~450s: Exp. 2, split 1 (Green bar)</li> <li>~1000s: Exp. 2, split 2 (Green bar)</li> <li>~1100s: Overhead (Black bar)</li> <li>~1400s: Unused Visibility = 2125 (Black bar)</li> <li>~3450s: Occultation (Green bar ends)</li> </ul>									

<b>Visit</b>	Proposal 11594, Visit 27, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(44)	SDSS1220+4608	RA: 12 20 15.5000 (185.0645833d) Dec: +46 08 2.40 (46.13400d) Equinox: J2000	Redshift: 2.46500	V=17.9890+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(44) SDSS1220+4608	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs	
									[==>]	[1]
	2	(44) SDSS1220+4608	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs	
								[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		

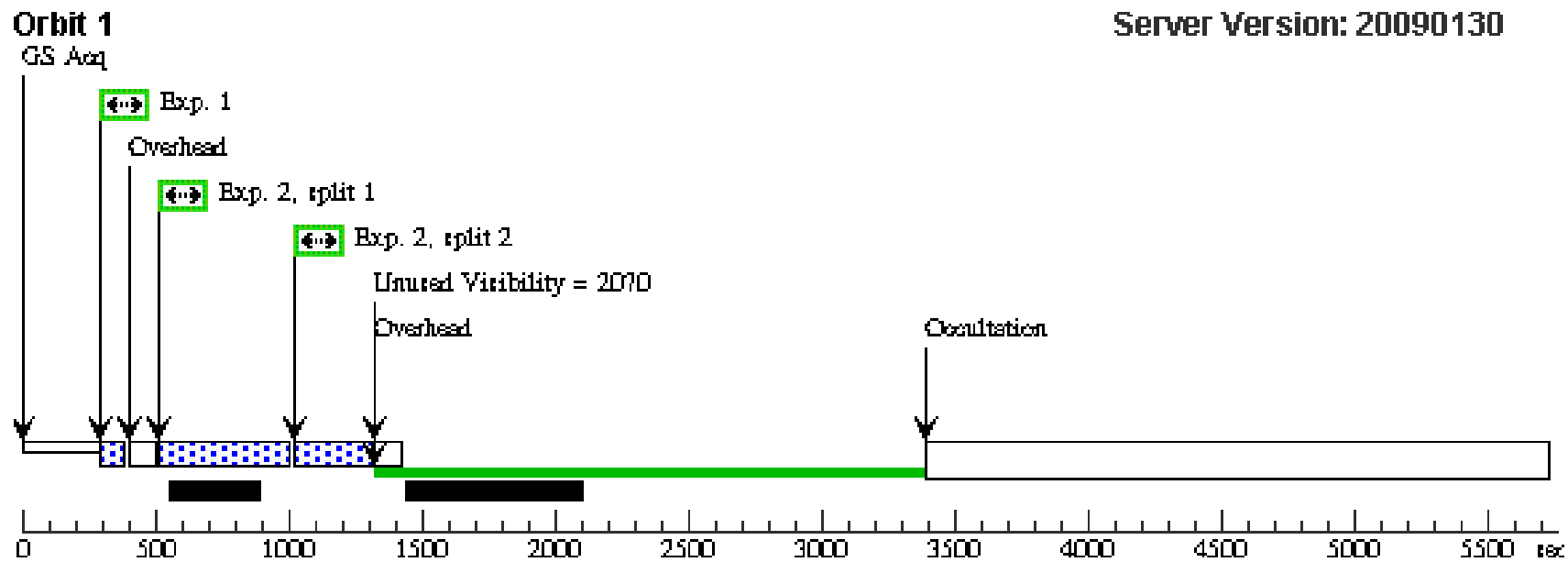


<b>Visit</b>	Proposal 11594, Visit 28, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(45)		SDSS1311+4531	RA: 13 11 23.0900 (197.8462083d) Dec: +45 31 59.40 (45.53317d) Equinox: J2000	Redshift: 2.40300	V=18.1780+/-0.0450000	Reference Frame: SDSS					
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1		(45) SDSS1311+4531	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs		
			1				0		[==>]	[1]	
	2		(45) SDSS1311+4531	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs		
		1				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]		
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p>										
	<p>Orbit 1 GS Acq</p> <p>Exp. 1</p> <p>Overhead</p> <p>Exp. 2, split 1</p> <p>Exp. 2, split 2</p> <p>Overhead</p> <p>Unused Visibility = 2070</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>										

Visit	Proposal 11594, Visit 29, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(46)</td> <td>SDSS1625+2943</td> <td>RA: 16 25 16.4200 (246.3184167d) Dec: +29 43 18.30 (29.72175d) Equinox: J2000</td> <td>Redshift: 2.35800</td> <td>V=17.7470+/-0.0180000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(46)	SDSS1625+2943	RA: 16 25 16.4200 (246.3184167d) Dec: +29 43 18.30 (29.72175d) Equinox: J2000	Redshift: 2.35800	V=17.7470+/-0.0180000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(46)	SDSS1625+2943	RA: 16 25 16.4200 (246.3184167d) Dec: +29 43 18.30 (29.72175d) Equinox: J2000	Redshift: 2.35800	V=17.7470+/-0.0180000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(46) 3</td> <td>SDSS1625+294</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50. 0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(46) 3</td> <td>SDSS1625+294</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50. 0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(46) 3	SDSS1625+294	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50. 0		60 Secs [==>]	[1]	2	(46) 3	SDSS1625+294	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50. 0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(46) 3	SDSS1625+294	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50. 0		60 Secs [==>]	[1]																														
2	(46) 3	SDSS1625+294	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50. 0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground station acquisition at the start (0s).</li> <li><b>Exp. 1:</b> First exposure starting around 300s.</li> <li><b>Overhead:</b> Periods between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of the second exposure starting around 500s.</li> <li><b>Exp. 2, split 2:</b> Second split of the second exposure starting around 1000s.</li> <li><b>Unused Visibility = 1939:</b> A period where the target is visible but not observed, from approximately 1400s to 3200s.</li> <li><b>Overhead:</b> Additional overhead periods.</li> <li><b>Occultation:</b> The target is occulted starting around 3200s.</li> </ul> <p>A green bar highlights the total observation time from approximately 1400s to 3200s. A blue checkered bar indicates the time covered by the two splits of exposure 2 (from ~500s to ~1300s).</p>																																						

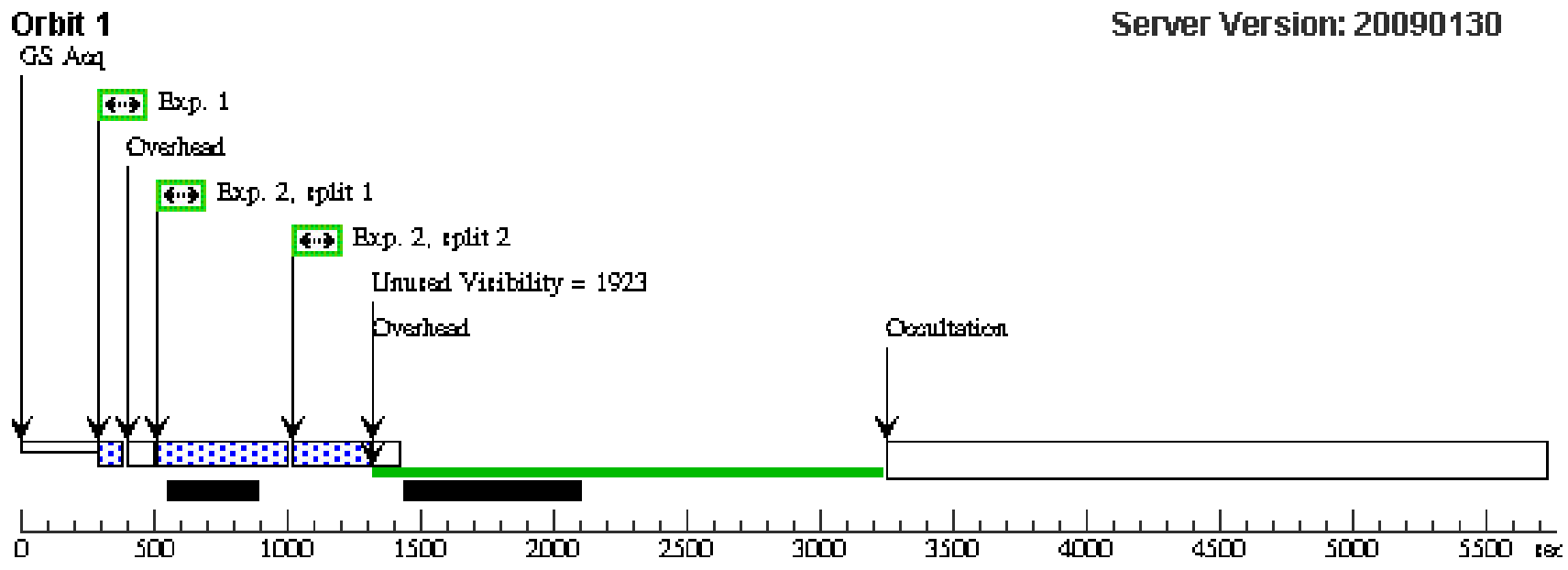
<b>Visit</b>	Proposal 11594, Visit 30, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(47)		SDSS1215+4248	RA: 12 15 19.4200 (183.8309167d) Dec: +42 48 51.00 (42.81417d) Equinox: J2000	Redshift: 2.31000	V=17.6950+/-0.0130000	Reference Frame: SDSS					
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	(47) SDSS1215+4248	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]		
	2	(47) SDSS1215+4248	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs					
							[=>350.0 Secs (Split 1)] [=>290.0 Secs (Split 2)]		[1]		
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p>										
	<p>Orbit 1 GS Acq</p> <p>Exp. 1</p> <p>Overhead</p> <p>Exp. 2, split 1</p> <p>Exp. 2, split 2</p> <p>Overhead</p> <p>Unused Visibility = 2023</p> <p>Occultation</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec</p>										

<b>Visit</b>	Proposal 11594, Visit 31, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(48)	SDSS1335+4542	RA: 13 35 21.9600 (203.8415000d) Dec: +45 42 38.20 (45.71061d) Equinox: J2000	Redshift: 2.45200	V=17.8220+/-0.0180000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(48) SDSS1335+454	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.		60 Secs	
		2							[==>]	[1]
	2		(48) SDSS1335+454	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.		640 Secs	
		2						[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	



Visit	Proposal 11594, Visit 32, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(49)</td> <td>SDSS1335+4637</td> <td>RA: 13 35 23.8200 (203.8492500d) Dec: +46 37 42.10 (46.62836d) Equinox: J2000</td> <td>Redshift: 2.47400</td> <td>V=17.9860+/-0.0260000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(49)	SDSS1335+4637	RA: 13 35 23.8200 (203.8492500d) Dec: +46 37 42.10 (46.62836d) Equinox: J2000	Redshift: 2.47400	V=17.9860+/-0.0260000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(49)	SDSS1335+4637	RA: 13 35 23.8200 (203.8492500d) Dec: +46 37 42.10 (46.62836d) Equinox: J2000	Redshift: 2.47400	V=17.9860+/-0.0260000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(49) SDSS1335+4637</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(49) SDSS1335+4637</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(49) SDSS1335+4637	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(49) SDSS1335+4637	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(49) SDSS1335+4637	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																														
2	(49) SDSS1335+4637	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Periods of non-exposure time.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Unused Visibility = 2070:</b> A period where the target is visible but not being observed.</li> <li><b>Occultation:</b> The end of the observation period.</li> </ul> <p>The timeline shows a sequence of exposures and overheads, with a significant gap in visibility between 1500 and 3500 seconds.</p>																																						

<b>Visit</b>	Proposal 11594, Visit 33, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(50)	SDSS1035+1105	RA: 10 35 46.0200 (158.9417500d) Dec: +11 05 46.40 (11.09622d) Equinox: J2000	Redshift: 2.36000	V=17.6900+/-0.0230000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(50) SDSS1035+1105	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		5					0		[==>]	[1]
	2		(50) SDSS1035+1105	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		5				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	

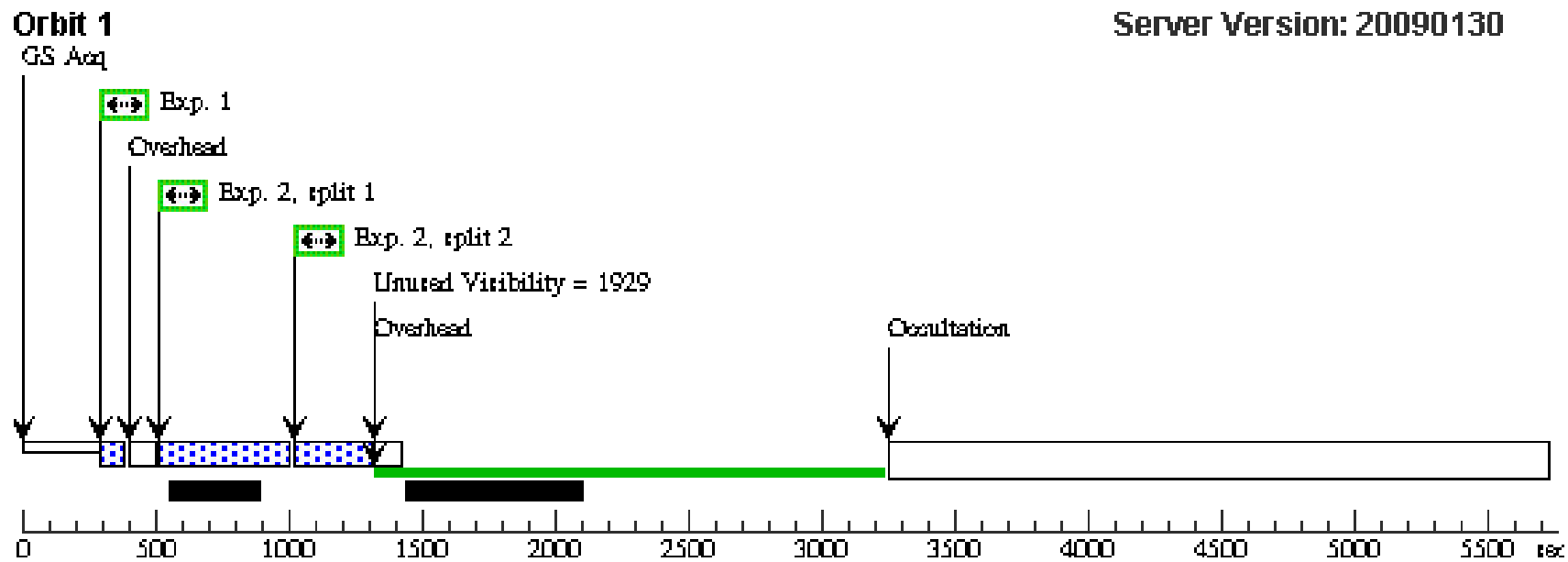


Visit	Proposal 11594, Visit 34, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(51)</td> <td>SDSS1119+1302</td> <td>RA: 11 19 28.3800 (169.8682500d) Dec: +13 02 51.00 (13.04750d) Equinox: J2000</td> <td>Redshift: 2.40100</td> <td>V=17.9630+/-0.0170000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(51)	SDSS1119+1302	RA: 11 19 28.3800 (169.8682500d) Dec: +13 02 51.00 (13.04750d) Equinox: J2000	Redshift: 2.40100	V=17.9630+/-0.0170000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(51)	SDSS1119+1302	RA: 11 19 28.3800 (169.8682500d) Dec: +13 02 51.00 (13.04750d) Equinox: J2000	Redshift: 2.40100	V=17.9630+/-0.0170000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(51) SDSS1119+130</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(51) SDSS1119+130</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(51) SDSS1119+130	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(51) SDSS1119+130	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(51) SDSS1119+130	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(51) SDSS1119+130	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1 starting around 300s.</li> <li><b>Overhead:</b> Periods of non-observation between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting around 500s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting around 1000s.</li> <li><b>Unused Visibility = 1923:</b> A period of 1923 seconds where the target is visible but not observed.</li> <li><b>Occultation:</b> The target is occulted starting around 3200s.</li> </ul>																																						

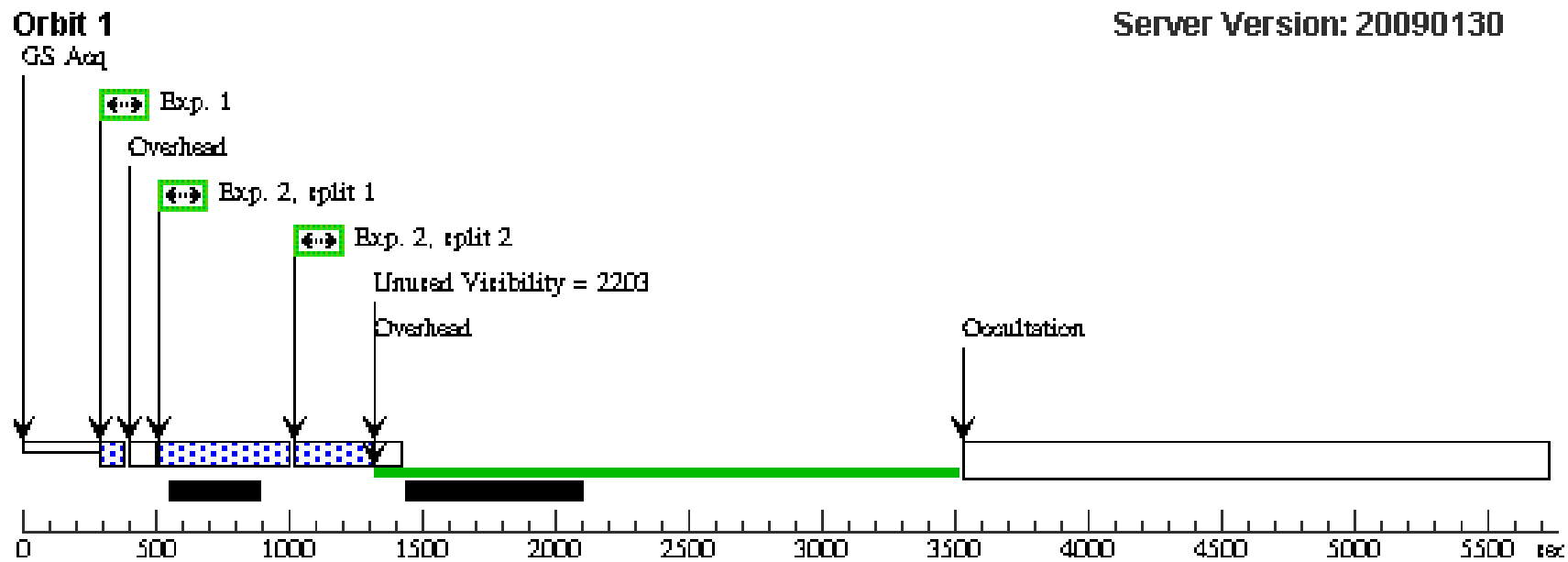
Visit	Proposal 11594, Visit 35, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(52)</td> <td>SDSS0833+0815</td> <td>RA: 08 33 26.8200 (128.3617500d) Dec: +08 15 52.00 (8.26444d) Equinox: J2000</td> <td>Redshift: 2.57200</td> <td>V=17.9740+/-0.0160000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(52)	SDSS0833+0815	RA: 08 33 26.8200 (128.3617500d) Dec: +08 15 52.00 (8.26444d) Equinox: J2000	Redshift: 2.57200	V=17.9740+/-0.0160000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(52)	SDSS0833+0815	RA: 08 33 26.8200 (128.3617500d) Dec: +08 15 52.00 (8.26444d) Equinox: J2000	Redshift: 2.57200	V=17.9740+/-0.0160000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(52) SDSS0833+0815</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(52) SDSS0833+0815</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(52) SDSS0833+0815	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(52) SDSS0833+0815	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(52) SDSS0833+0815	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(52) SDSS0833+0815	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> First exposure, occurring shortly after GS Acq.</li> <li><b>Overhead:</b> Time between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of the second exposure.</li> <li><b>Exp. 2, split 2:</b> Second split of the second exposure.</li> <li><b>Unused Visibility = 1914:</b> A period where the target is visible but not being observed.</li> <li><b>Overhead:</b> Time between the end of the second exposure and the start of the occultation.</li> <li><b>Occultation:</b> The time when the target is behind the planet and not visible.</li> </ul> <p>A green bar at the bottom indicates the total exposure duration, which is approximately 3200 seconds.</p>																																						

Visit	Proposal 11594, Visit 36, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(53)</td> <td>SDSS0806+5041</td> <td>RA: 08 06 20.4700 (121.5852917d) Dec: +50 41 24.40 (50.69011d) Equinox: J2000</td> <td>Redshift: 2.43200</td> <td>V=17.6090+/-0.0270000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(53)	SDSS0806+5041	RA: 08 06 20.4700 (121.5852917d) Dec: +50 41 24.40 (50.69011d) Equinox: J2000	Redshift: 2.43200	V=17.6090+/-0.0270000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(53)	SDSS0806+5041	RA: 08 06 20.4700 (121.5852917d) Dec: +50 41 24.40 (50.69011d) Equinox: J2000	Redshift: 2.43200	V=17.6090+/-0.0270000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(53) SDSS0806+5041</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(53) SDSS0806+5041</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(53) SDSS0806+5041	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(53) SDSS0806+5041	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(53) SDSS0806+5041	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(53) SDSS0806+5041	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start (0s).</li> <li><b>Exp. 1:</b> Exposure 1 starting around 350s.</li> <li><b>Overhead:</b> Periods of non-observation between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting around 600s.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting around 1000s.</li> <li><b>Unused Visibility = 2125:</b> A period where the target is visible but not observed, from approximately 1400s to 3500s.</li> <li><b>Occultation:</b> The target is occulted starting at 3500s.</li> </ul> <p>A green bar at the bottom indicates the total observation time from approximately 350s to 3450s. A blue checkered bar highlights the time from 350s to 1400s. Black bars indicate other non-observation periods.</p>																																						

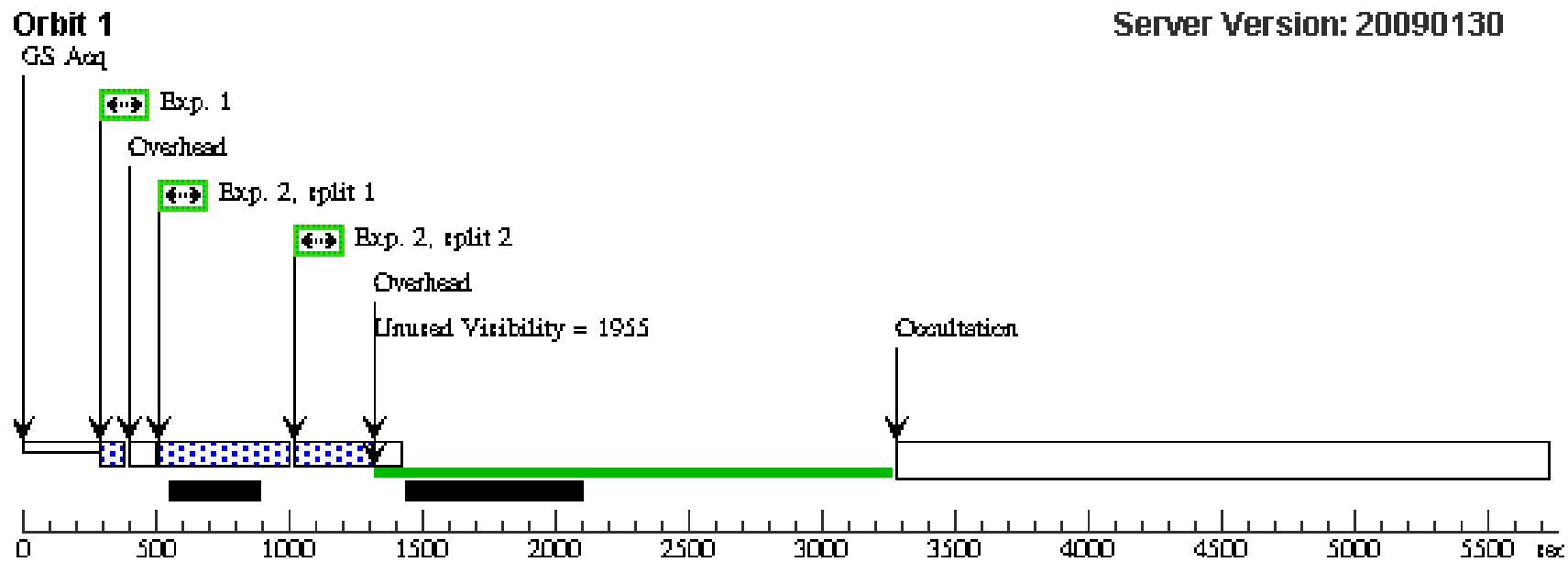
<b>Visit</b>	Proposal 11594, Visit 37, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(54)		SDSS2338+1504	RA: 23 38 23.1600 (354.5965000d) Dec: +15 04 45.20 (15.07922d) Equinox: J2000	Redshift: 2.42000	V=17.7000+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(54) SDSS2338+1504	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		4							[==>]	[1]
	2		(54) SDSS2338+1504	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		4						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



<b>Visit</b>	Proposal 11594, Visit 38, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(56)	SDSS1342+6015	RA: 13 42 11.9800 (205.5499167d) Dec: +60 15 25.00 (60.25694d) Equinox: J2000	Redshift: 2.39900	V=17.9250+/-0.0240000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(56) SDSS1342+6015	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		5					0		[==>]	[1]
	2		(56) SDSS1342+6015	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		5				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	

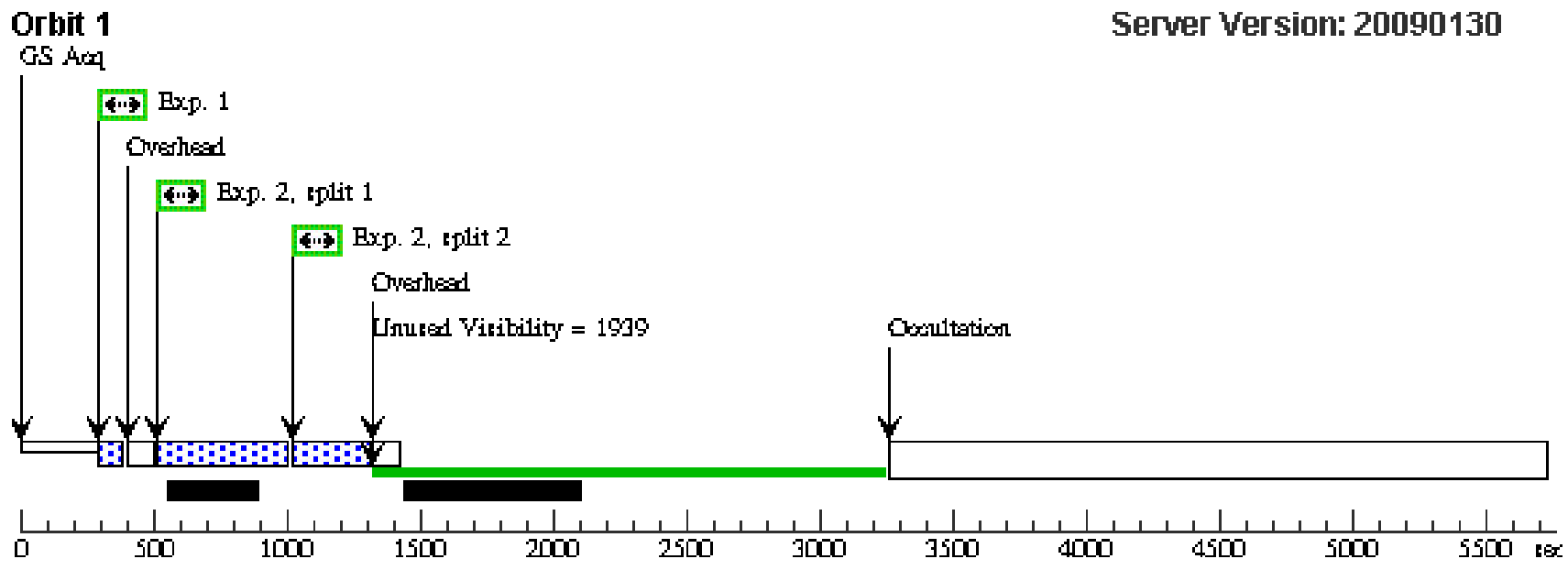


<b>Visit</b>	Proposal 11594, Visit 39, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(57)		SDSS0841+3005	RA: 08 41 0.6600 (130.2527500d) Dec: +30 05 53.00 (30.09806d) Equinox: J2000	Redshift: 2.39700	V=18.1750+/-0.0140000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(57) SDSS0841+3005	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		5							[==>]	[1]
	2		(57) SDSS0841+3005	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		5						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		

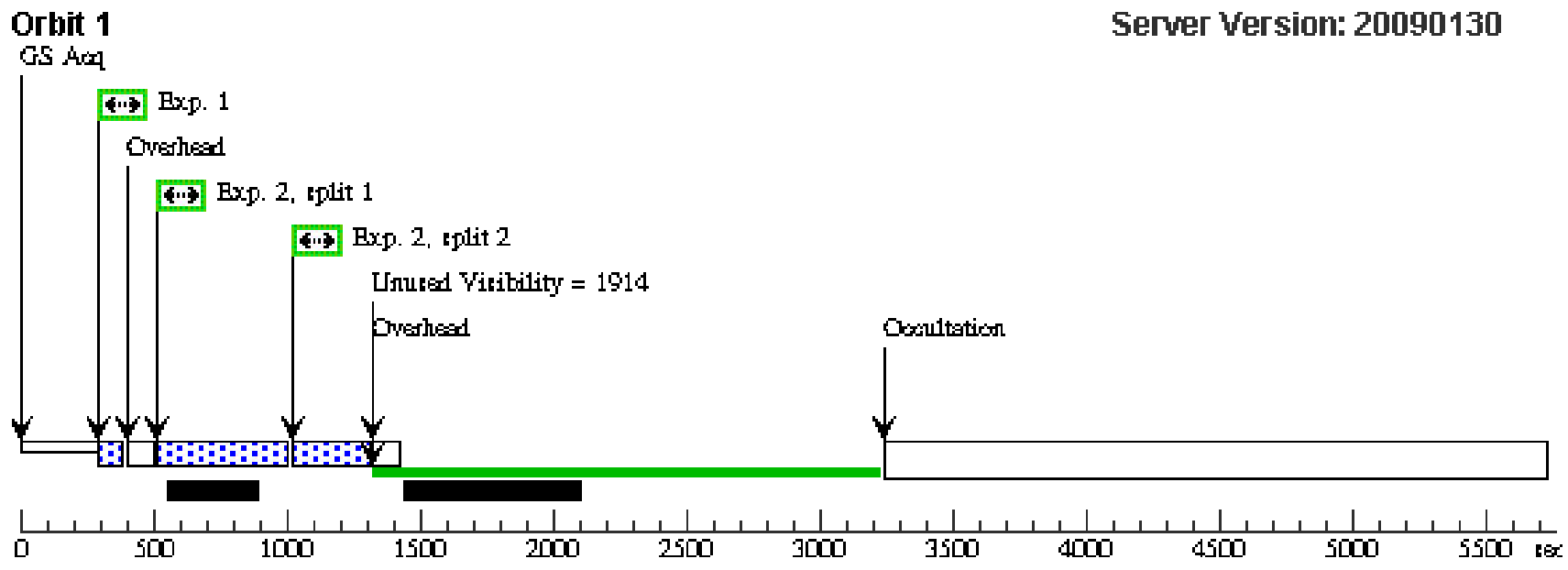


<b>Visit</b>	Proposal 11594, Visit 40, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(58)		SDSS1323+4149	RA: 13 23 12.8300 (200.8034583d) Dec: +41 49 33.00 (41.82583d) Equinox: J2000	Redshift: 2.44700	V=18.0430+/-0.0400000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(58) SDSS1323+4149	9	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
									[==>]	[1]
	2	(58) SDSS1323+4149	9	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
								[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>The diagram illustrates the timing of observations within Orbit 1. It shows acquisition (GS Acq), exposure times (Exp. 1 and Exp. 2 split 1/2), overheads, and periods of unused visibility and occultation. A green bar indicates the total observation duration from approximately 1400s to 3300s.</p>									
	<p>Timeline labels: GS Acq, Exp. 1, Overhead, Exp. 2, split 1, Exp. 2, split 2, Overhead, Unused Visibility = 2023, Occultation.</p>									

<b>Visit</b>	Proposal 11594, Visit 41, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(59)		SDSS1625+2646	RA: 16 25 48.7900 (246.4532917d) Dec: +26 46 58.70 (26.78297d) Equinox: J2000	Redshift: 2.51800	V=17.3400+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(59) SDSS1625+2646	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			6						[==>]	[1]
	2		(59) SDSS1625+2646	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			6					[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	



<b>Visit</b>	Proposal 11594, Visit 42, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(60)		SDSS0949+0522	RA: 09 49 42.3400 (147.4264167d) Dec: +05 22 40.30 (5.37786d) Equinox: J2000	Redshift: 2.31400	V=17.9020+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(60) SDSS0949+052	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		2							[==>]	[1]
	2		(60) SDSS0949+052	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		2						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



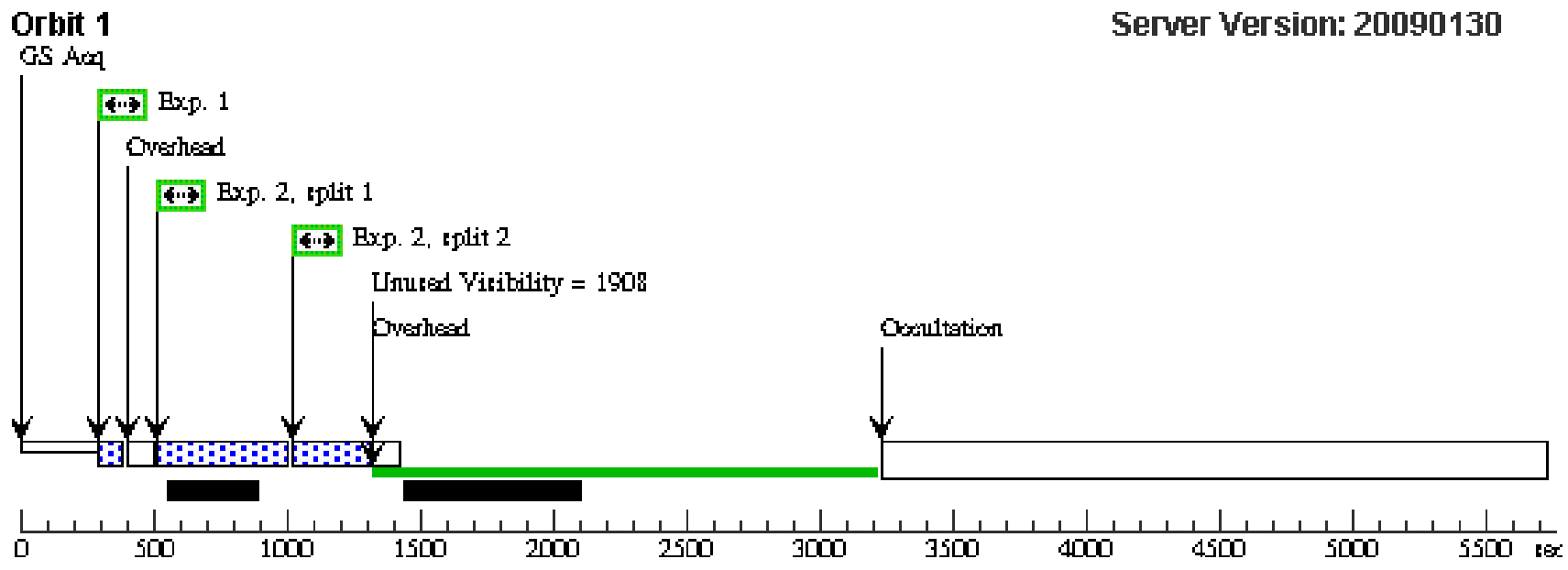
<b>Visit</b>	Proposal 11594, Visit 43, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(61)		SDSS0913+4223	RA: 09 13 1.0100 (138.2542083d) Dec: +42 23 44.70 (42.39575d) Equinox: J2000	Redshift: 2.31100	V=17.5660+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(61) SDSS0913+422 3	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50. 0		60 Secs [==>]	[1]
	2		(61) SDSS0913+422 3	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50. 0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 300s, Overhead at approximately 400s, Exp. 2 split 1 at approximately 500s, Exp. 2 split 2 at approximately 1000s, another Overhead at approximately 1200s, and Occultation at approximately 3300s. A green bar highlights the period from approximately 1400s to 3300s, labeled as 'Unused Visibility = 2023'. There are also black bars below the timeline at approximately 600-800s and 1300-1500s.</p>									

Proposal 11594 - Visit 44 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:04:59 GMT 2009

Visit	Proposal 11594, Visit 44, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																					
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(62)</td> <td>SDSS0845+0722</td> <td>RA: 08 45 25.8400 (131.3576667d) Dec: +07 22 22.30 (7.37286d) Equinox: J2000</td> <td>Redshift: 2.30700</td> <td>V=18.1790+/-0.0200000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(62)	SDSS0845+0722	RA: 08 45 25.8400 (131.3576667d) Dec: +07 22 22.30 (7.37286d) Equinox: J2000	Redshift: 2.30700	V=18.1790+/-0.0200000	Reference Frame: SDSS																
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																	
(62)	SDSS0845+0722	RA: 08 45 25.8400 (131.3576667d) Dec: +07 22 22.30 (7.37286d) Equinox: J2000	Redshift: 2.30700	V=18.1790+/-0.0200000	Reference Frame: SDSS																																	
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(62) SDSS0845+0722</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td>60 Secs</td> <td></td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(62) SDSS0845+0722</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td>POS TARG 0.0,-50.0</td> <td>640 Secs</td> <td>[==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td></td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(62) SDSS0845+0722	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	2	(62) SDSS0845+0722	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs	[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																													
1	(62) SDSS0845+0722	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]																														
2	(62) SDSS0845+0722	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs	[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring shortly after GS Acq.</li> <li><b>Overhead:</b> Periods of non-visibility between exposures.</li> <li><b>Exp. 2, split 1 &amp; 2:</b> Two split exposures for the second exposure, also marked with green boxes and double arrows.</li> <li><b>Unused Visibility = 1914:</b> A period of 1914 seconds where the target is visible but not being observed.</li> <li><b>Occultation:</b> A period where the target is behind the planet, starting around 3200 seconds.</li> </ul> <p>The timeline shows alternating periods of observation (blue checkered bars) and non-visibility (black bars). A green bar indicates the total observation time, which ends at approximately 3200 seconds.</p>																																					

<b>Visit</b>	Proposal 11594, Visit 45, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(63)	SDSS1329+0040	RA: 13 29 44.3500 (202.4347917d) Dec: +00 40 4.60 (.66794d) Equinox: J2000	Redshift: 2.31200	V=17.9380+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(63) SDSS1329+0040	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			0						[==>]	[1]
	2		(63) SDSS1329+0040	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			0					[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



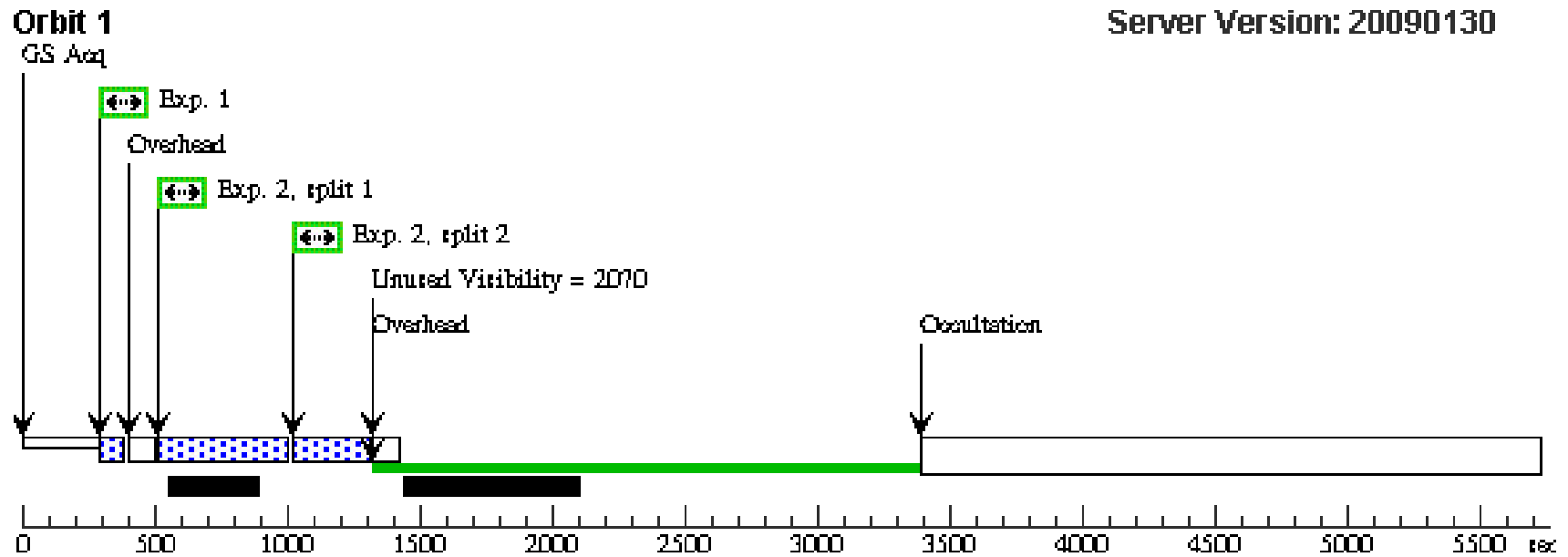
<b>Visit</b>	Proposal 11594, Visit 46, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(64)		SDSS1107+6420	RA: 11 07 35.5800 (166.8982500d) Dec: +64 20 8.70 (64.33575d) Equinox: J2000	Redshift: 2.31600	V=17.5050+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(64) SDSS1107+6420	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			0				0		[==>]	[1]
	2		(64) SDSS1107+6420	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			0			0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	Server Version: 20090130									
	<p>The diagram illustrates the orbit structure over a 5500-second period. It shows the timing of various activities: GS Acq (0s), Exp. 1 (~300s), Overhead (~400s), Exp. 2 split 1 (~500s), Exp. 2 split 2 (~800s), a period of Unused Visibility (2200s) from ~1300s to ~1500s, another Overhead (~1400s), and Occultation (~3500s). A green bar highlights the interval from ~1500s to ~3500s.</p>									

Visit	Proposal 11594, Visit 47, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(65)</td> <td>SDSS2108-0630</td> <td>RA: 21 08 31.5600 (317.1315000d) Dec: -06 30 22.50 (-6.50625d) Equinox: J2000</td> <td>Redshift: 2.34500</td> <td>V=17.4100+/-0.0110000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(65)	SDSS2108-0630	RA: 21 08 31.5600 (317.1315000d) Dec: -06 30 22.50 (-6.50625d) Equinox: J2000	Redshift: 2.34500	V=17.4100+/-0.0110000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(65)	SDSS2108-0630	RA: 21 08 31.5600 (317.1315000d) Dec: -06 30 22.50 (-6.50625d) Equinox: J2000	Redshift: 2.34500	V=17.4100+/-0.0110000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(65) SDSS2108-0630</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(65) SDSS2108-0630</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(65) SDSS2108-0630	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(65) SDSS2108-0630	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(65) SDSS2108-0630	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(65) SDSS2108-0630	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Periods of non-exposure time.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Additional non-exposure time.</li> <li><b>Unused Visibility = 1914:</b> A period where the target is visible but not being observed.</li> <li><b>Occultation:</b> The end of the observation period.</li> </ul> <p>The timeline shows a sequence of exposures and overheads, with a significant period of unused visibility between 1400 and 3200 seconds.</p>																																						

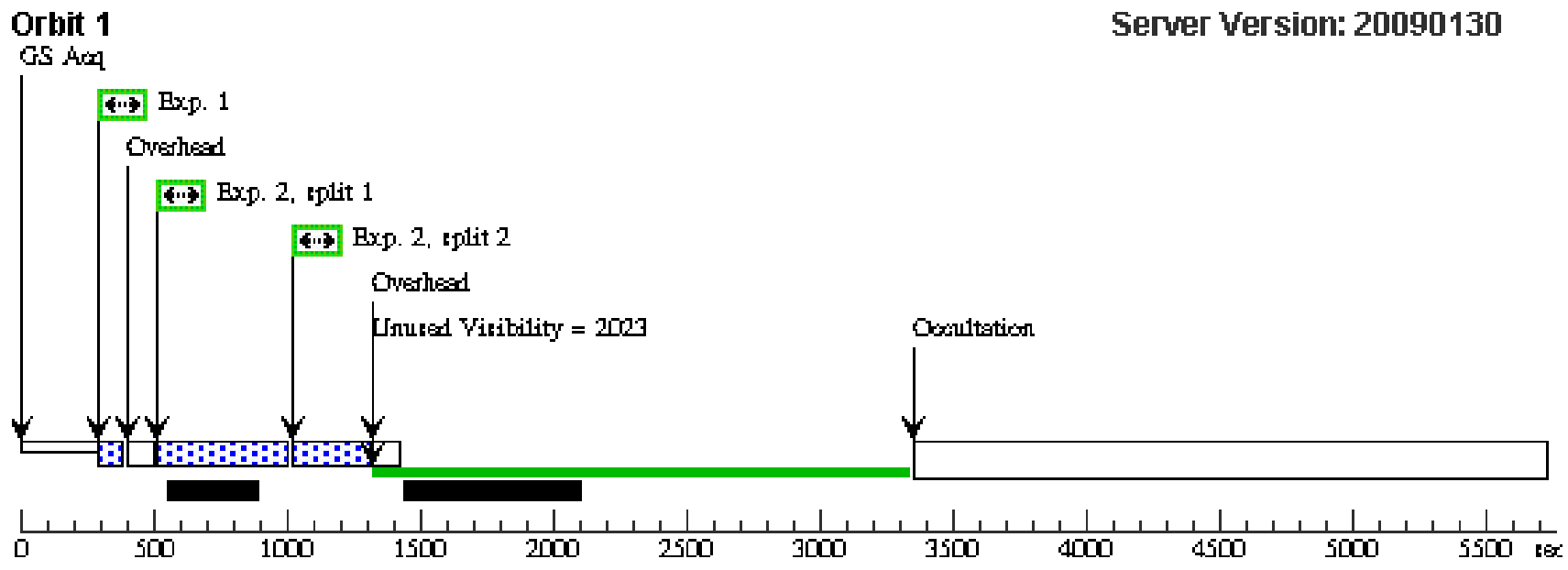
<b>Visit</b>	Proposal 11594, Visit 48, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(66)		SDSS1415+3706	RA: 14 15 28.4700 (213.8686250d) Dec: +37 06 21.20 (37.10589d) Equinox: J2000	Redshift: 2.37000	V=17.6830+/-0.0210000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(66) SDSS1415+3706	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs	[1]
	2	(66) SDSS1415+3706	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs	[1]
									[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 300s, Overhead at approximately 400s, Exp. 2, split 1 at approximately 500s, Exp. 2, split 2 at approximately 1000s, another Overhead at approximately 1300s, and Occultation at approximately 3300s. A green bar highlights the period from approximately 1400s to 3300s, labeled as 'Unused Visibility = 1982'. The timeline is divided into segments with different patterns: blue checkered for exposures, black for overheads, and white for other periods.</p>									

Visit	Proposal 11594, Visit 49, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(68)</td> <td>SDSS0909+0415</td> <td>RA: 09 09 38.7100 (137.4112917d) Dec: +04 15 25.80 (4.25717d) Equinox: J2000</td> <td>Redshift: 2.45000</td> <td>V=18.0720+/-0.0240000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(68)	SDSS0909+0415	RA: 09 09 38.7100 (137.4112917d) Dec: +04 15 25.80 (4.25717d) Equinox: J2000	Redshift: 2.45000	V=18.0720+/-0.0240000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																			
(68)	SDSS0909+0415	RA: 09 09 38.7100 (137.4112917d) Dec: +04 15 25.80 (4.25717d) Equinox: J2000	Redshift: 2.45000	V=18.0720+/-0.0240000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(68) SDSS0909+0415</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(68) SDSS0909+0415</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(68) SDSS0909+0415	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(68) SDSS0909+0415	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																															
1	(68) SDSS0909+0415	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																															
2	(68) SDSS0909+0415	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at 0 seconds.</li> <li><b>Exp. 1:</b> Exposure 1 starting at approximately 300 seconds.</li> <li><b>Overhead:</b> Overhead time between exposures at approximately 400 seconds.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2 starting at approximately 500 seconds.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2 starting at approximately 1000 seconds.</li> <li><b>Overhead:</b> Overhead time between splits at approximately 1200 seconds.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds of unused visibility from approximately 1400 to 3200 seconds, highlighted with a green bar.</li> <li><b>Occultation:</b> The start of occultation at approximately 3200 seconds.</li> </ul>																																							

<b>Visit</b>	Proposal 11594, Visit 50, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(69)	SDSS1135+4607	RA: 11 35 50.6800 (173.9611667d) Dec: +46 07 5.00 (46.11806d) Equinox: J2000	Redshift: 2.49800	V=17.7020+/-0.0190000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(69) SDSS1135+4607	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs	
									[==>]	[1]
	2	(69) SDSS1135+4607	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs	
								[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



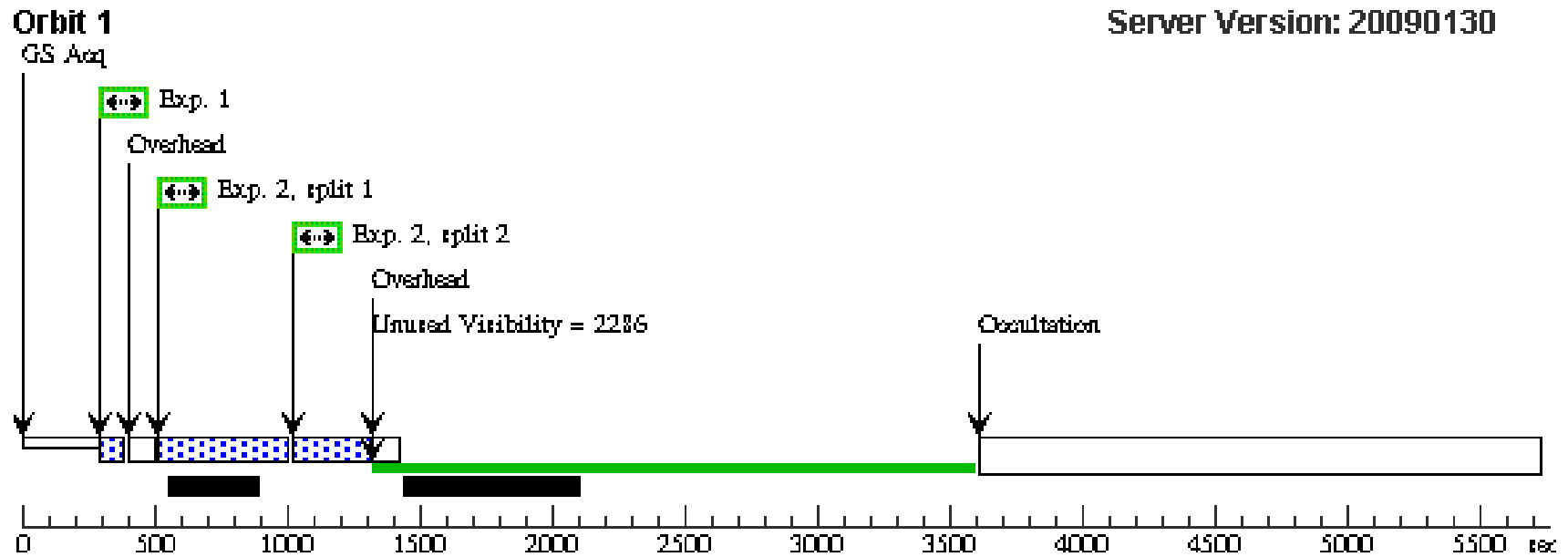
<b>Visit</b>	Proposal 11594, Visit 51, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(70)	SDSS1651+4002	RA: 16 51 37.5200 (252.9063333d) Dec: +40 02 18.90 (40.03858d) Equinox: J2000	Redshift: 2.343	V=17.477+/-0.016	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(70) SDSS1651+4002	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			2						[==>]	[1]
	2		(70) SDSS1651+4002	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			2						[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]



Visit	Proposal 11594, Visit 52, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(71)</td> <td>SDSS1533+3843</td> <td>RA: 15 33 35.8200 (233.3992500d) Dec: +38 43 1.10 (38.71697d) Equinox: J2000</td> <td>Redshift: 2.53300</td> <td>V=17.5590+/-0.0160000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(71)	SDSS1533+3843	RA: 15 33 35.8200 (233.3992500d) Dec: +38 43 1.10 (38.71697d) Equinox: J2000	Redshift: 2.53300	V=17.5590+/-0.0160000	Reference Frame: SDSS													
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																													
(71)	SDSS1533+3843	RA: 15 33 35.8200 (233.3992500d) Dec: +38 43 1.10 (38.71697d) Equinox: J2000	Redshift: 2.53300	V=17.5590+/-0.0160000	Reference Frame: SDSS																													
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(71) SDSS1533+384 3</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(71) SDSS1533+384 3</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td>POS TARG 0.0,-50.0</td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(71) SDSS1533+384 3	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs [==>]	[1]	2	(71) SDSS1533+384 3	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																									
1	(71) SDSS1533+384 3	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs [==>]	[1]																											
2	(71) SDSS1533+384 3	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																												
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and a double-headed arrow.</li> <li><b>Overhead:</b> Periods of non-exposure time between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and a double-headed arrow.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and a double-headed arrow.</li> <li><b>Overhead:</b> Additional overhead time following the second split.</li> <li><b>Unused Visibility = 1982:</b> A period of 1982 seconds where the target is visible but not being observed.</li> <li><b>Occultation:</b> The end of the observation period where the target is obscured.</li> </ul> <p>The timeline is marked in 500-second intervals from 0 to 5500 seconds.</p>																																	

Visit	Proposal 11594, Visit 53, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																							
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(72)</td> <td>SDSS2136+1029</td> <td>RA: 21 36 29.4400 (324.1226667d) Dec: +10 29 52.20 (10.49783d) Equinox: J2000</td> <td>Redshift: 2.55500</td> <td>V=18.1890+/-0.0170000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(72)	SDSS2136+1029	RA: 21 36 29.4400 (324.1226667d) Dec: +10 29 52.20 (10.49783d) Equinox: J2000	Redshift: 2.55500	V=18.1890+/-0.0170000	Reference Frame: SDSS																	
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(72)	SDSS2136+1029	RA: 21 36 29.4400 (324.1226667d) Dec: +10 29 52.20 (10.49783d) Equinox: J2000	Redshift: 2.55500	V=18.1890+/-0.0170000	Reference Frame: SDSS																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(72) SDSS2136+1029</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(72) SDSS2136+1029</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(72) SDSS2136+1029	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]	2	(72) SDSS2136+1029	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1	(72) SDSS2136+1029	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs [==>]	[1]																															
2	(72) SDSS2136+1029	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																															
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground station acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Time intervals between exposures.</li> <li><b>Exp. 2, split 1:</b> First split of exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of exposure 2, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Additional overhead time.</li> <li><b>Unused Visibility = 1923:</b> A period of 1923 seconds where the target is visible but not observed.</li> <li><b>Occultation:</b> The end of the observation period.</li> </ul> <p>A green bar at the bottom of the timeline indicates the total observation time, which begins after the first overhead and ends at the start of the occultation.</p>																																							

<b>Visit</b>	Proposal 11594, Visit 54, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(73)		SDSS1325+6634	RA: 13 25 52.1700 (201.4673750d) Dec: +66 34 5.70 (66.56825d) Equinox: J2000	Redshift: 2.51100	V=17.9760+/-0.0200000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(73) SDSS1325+6634	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(73) SDSS1325+6634	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]	
							[==>350.0 Secs (Split 1)]	[==>290.0 Secs (Split 2)]		



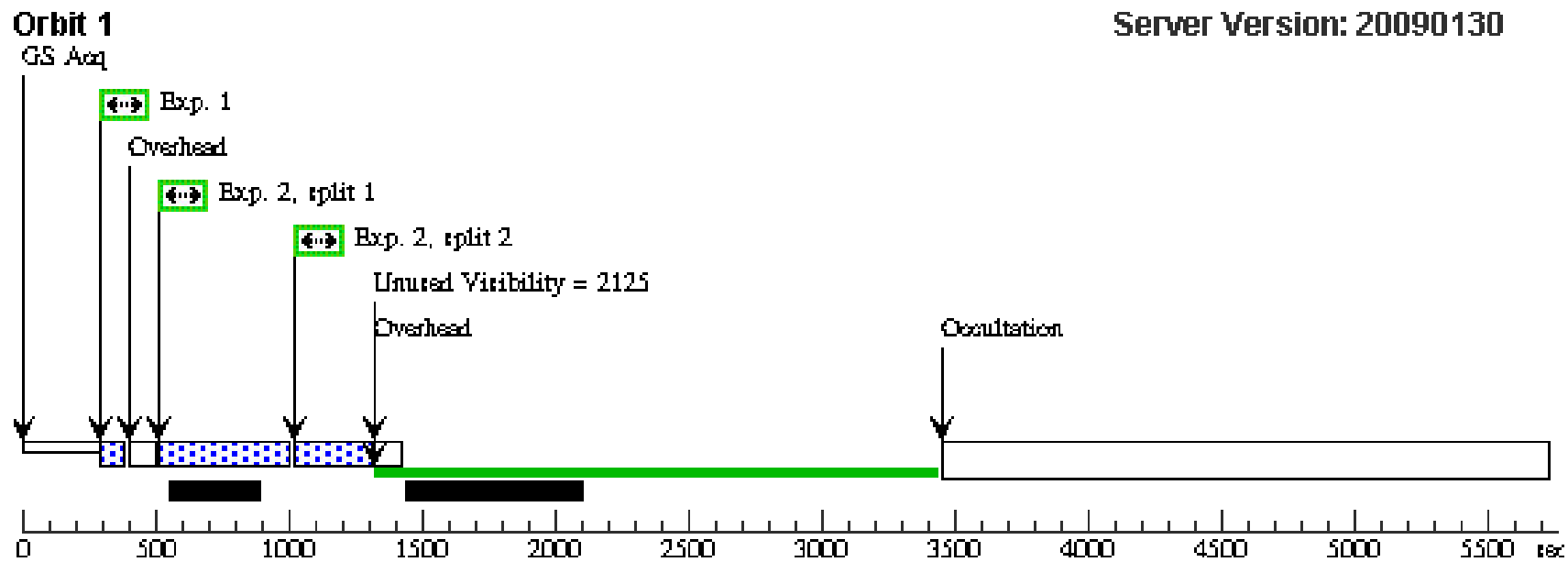
Proposal 11594 - Visit 55 - A WFC3 Grism Survey for Lyman limit absorption at z=2

Tue Apr 28 01:05:01 GMT 2009

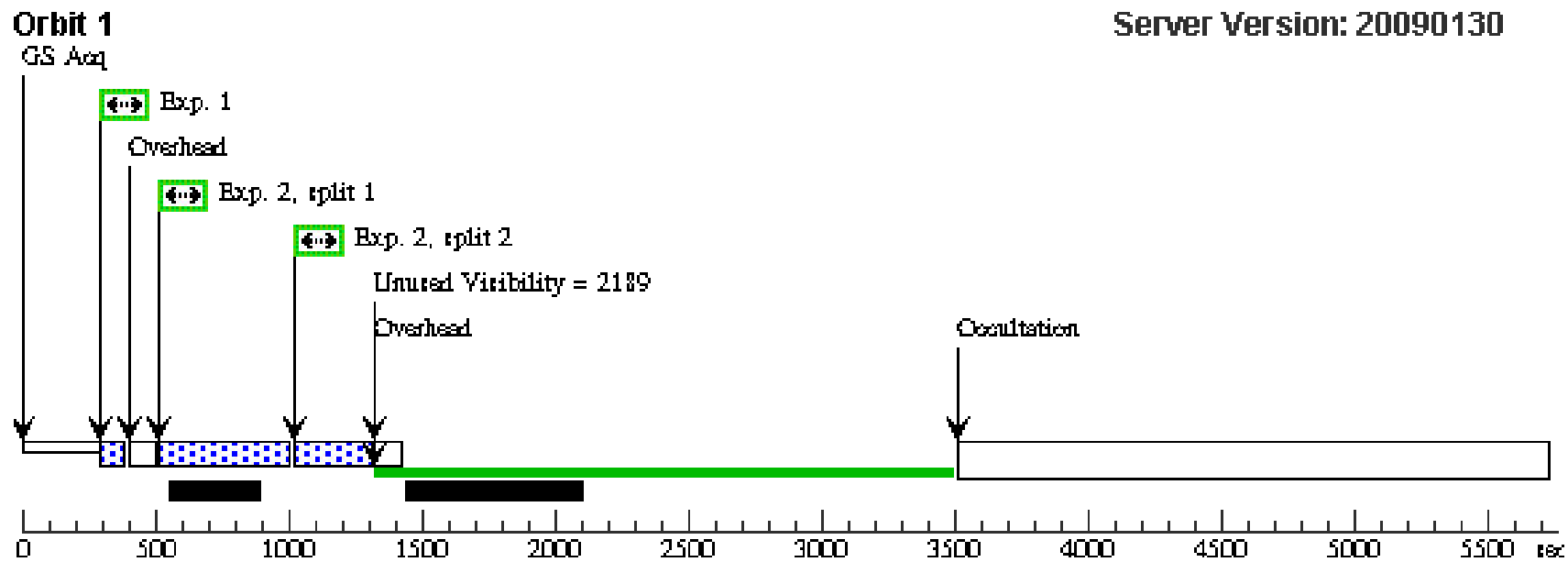
Visit	Proposal 11594, Visit 55, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(74)</td> <td>SDSS1454+0324</td> <td>RA: 14 54 53.5300 (223.7230417d) Dec: +03 24 56.80 (3.41578d) Equinox: J2000</td> <td>Redshift: 2.36700</td> <td>V=18.1380+/-0.0150000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(74)	SDSS1454+0324	RA: 14 54 53.5300 (223.7230417d) Dec: +03 24 56.80 (3.41578d) Equinox: J2000	Redshift: 2.36700	V=18.1380+/-0.0150000	Reference Frame: SDSS																																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																			
(74)	SDSS1454+0324	RA: 14 54 53.5300 (223.7230417d) Dec: +03 24 56.80 (3.41578d) Equinox: J2000	Redshift: 2.36700	V=18.1380+/-0.0150000	Reference Frame: SDSS																																																			
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(74) SDSS1454+0324</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td>60 Secs</td> <td></td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(74) SDSS1454+0324</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td>POS TARG 0.0,-50.0</td> <td>640 Secs</td> <td></td> <td></td> <td>[1]</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;350.0 Secs (Split 1)]</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==&gt;290.0 Secs (Split 2)]</td> <td></td> <td></td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1	(74) SDSS1454+0324	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	2	(74) SDSS1454+0324	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]							[==>350.0 Secs (Split 1)]									[==>290.0 Secs (Split 2)]		
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																																															
1	(74) SDSS1454+0324	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]																																																
2	(74) SDSS1454+0324	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs			[1]																																																
						[==>350.0 Secs (Split 1)]																																																		
						[==>290.0 Secs (Split 2)]																																																		
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. It shows the timing of various activities: GS Acq (0s), Exp. 1 (~300s), Overhead (~400s), Exp. 2 split 1 (~500s), Exp. 2 split 2 (~1000s), Overhead (~1200s), and Occultation (~3200s). A green bar highlights the 'Unused Visibility' period from approximately 1400s to 3200s, which is noted as 1908 seconds. The x-axis is labeled 'sec' and ranges from 0 to 5500.</p>																																																							

Visit	Proposal 11594, Visit 56, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)																																						
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(75)</td> <td>SDSS1113+0300</td> <td>RA: 11 13 37.4700 (168.4061250d) Dec: +03 00 53.90 (3.01497d) Equinox: J2000</td> <td>Redshift: 2.49000</td> <td>V=17.9750+/-0.0140000</td> <td>Reference Frame: SDSS</td> </tr> </tbody> </table>									#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(75)	SDSS1113+0300	RA: 11 13 37.4700 (168.4061250d) Dec: +03 00 53.90 (3.01497d) Equinox: J2000	Redshift: 2.49000	V=17.9750+/-0.0140000	Reference Frame: SDSS																		
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																		
(75)	SDSS1113+0300	RA: 11 13 37.4700 (168.4061250d) Dec: +03 00 53.90 (3.01497d) Equinox: J2000	Redshift: 2.49000	V=17.9750+/-0.0140000	Reference Frame: SDSS																																		
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(75) SDSS1113+0300</td> <td>WFC3/UVIS, ACCUM, G280-REF</td> <td>F200LP</td> <td>CR-SPLIT=NO</td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>60 Secs [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td></td> <td>(75) SDSS1113+0300</td> <td>WFC3/UVIS, ACCUM, UVIS</td> <td>G280</td> <td></td> <td>POS TARG 0.0,-50.0</td> <td></td> <td>640 Secs [==&gt;350.0 Secs (Split 1)] [==&gt;290.0 Secs (Split 2)]</td> <td>[1]</td> </tr> </tbody> </table>									#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	1		(75) SDSS1113+0300	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]	2		(75) SDSS1113+0300	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit																														
1		(75) SDSS1113+0300	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs [==>]	[1]																														
2		(75) SDSS1113+0300	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs [==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]																														
Orbit Structure	<div style="text-align: right;">Server Version: 20090130</div> <p>The diagram illustrates the orbit structure over a 5500-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Ground Station Acquisition at the start of the orbit.</li> <li><b>Exp. 1:</b> Exposure 1, marked with a green box and double arrows, occurring shortly after GS Acq.</li> <li><b>Overhead:</b> Periods of non-visibility or instrument overhead.</li> <li><b>Exp. 2, split 1:</b> First split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Exp. 2, split 2:</b> Second split of Exposure 2, marked with a green box and double arrows.</li> <li><b>Overhead:</b> Another overhead period following the second split of Exposure 2.</li> <li><b>Unused Visibility = 1908:</b> A period of 1908 seconds where the target is visible but not being observed.</li> <li><b>Occultation:</b> The end of the observation period, where the target is obscured.</li> </ul> <p>The timeline shows a sequence of exposures and overheads, with a significant gap in visibility (Unused Visibility) before the final occultation.</p>																																						

<b>Visit</b>	Proposal 11594, Visit 57, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(76)	SDSS1724+5314	RA: 17 24 9.1900 (261.0382917d) Dec: +53 14 5.50 (53.23486d) Equinox: J2000	Redshift: 2.54700	V=18.0580+/-0.0200000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(76) SDSS1724+5314	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		4							[==>]	[1]
	2		(76) SDSS1724+5314	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		4						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



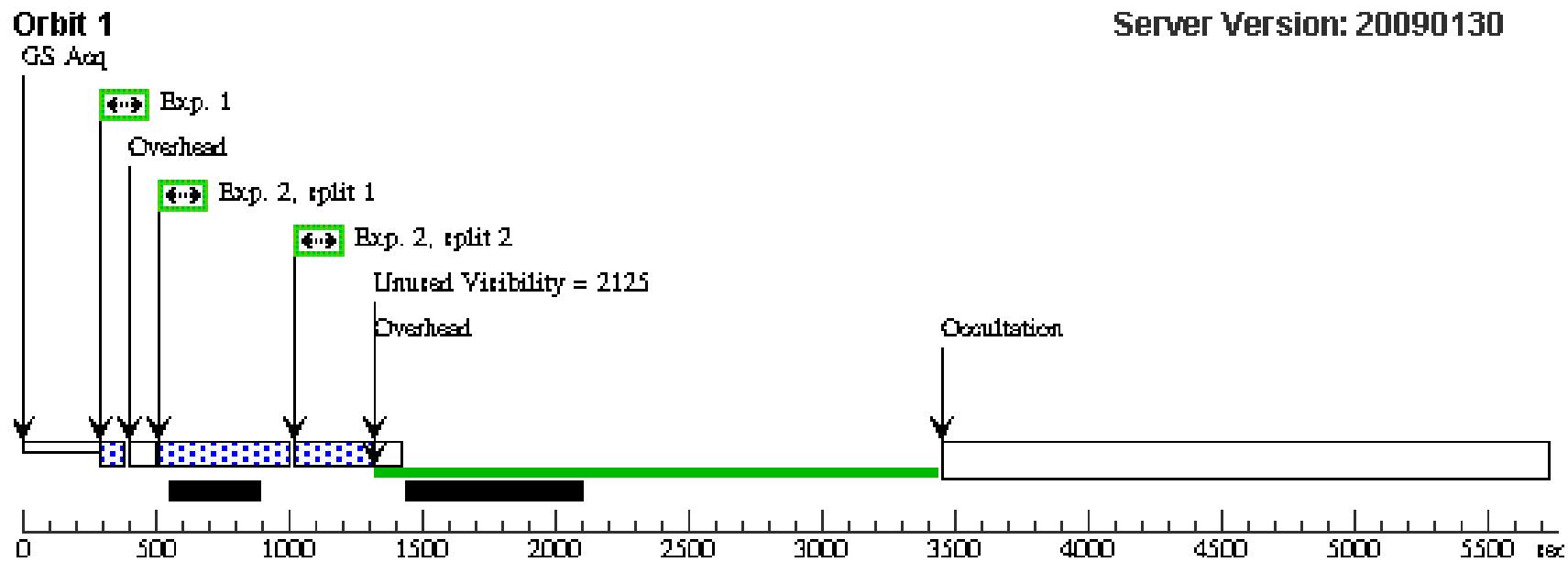
<b>Visit</b>	Proposal 11594, Visit 58, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(78)		SDSS0850+5636	RA: 08 50 45.4400 (132.6893333d) Dec: +56 36 18.70 (56.60519d) Equinox: J2000	Redshift: 2.46400	V=18.2530+/-0.0100000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(78) SDSS0850+5636	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			6						[==>]	[1]
	2		(78) SDSS0850+5636	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			6					[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



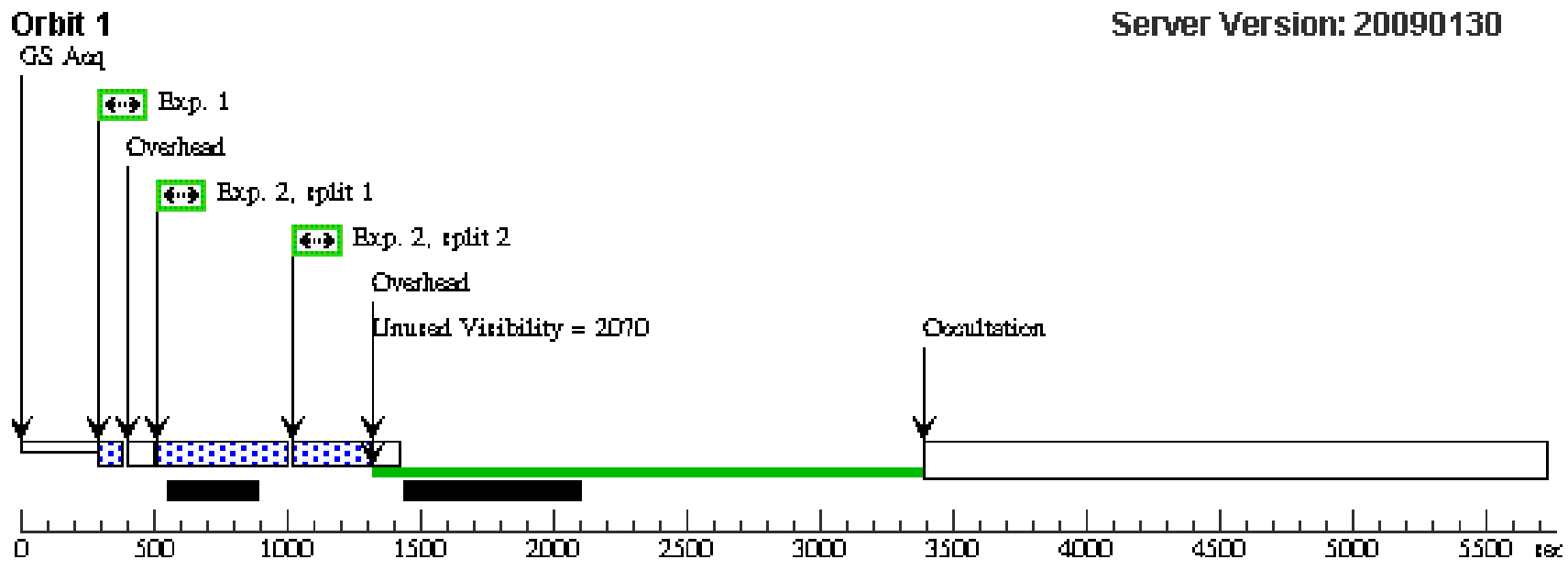
<b>Visit</b>	Proposal 11594, Visit 59, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(79)		SDSS1104+0246	RA: 11 04 11.6200 (166.0484167d) Dec: +02 46 55.30 (2.78203d) Equinox: J2000	Redshift: 2.53300	V=18.2370+/-0.0260000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(79) SDSS1104+0246	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0	60 Secs		[1]	
	2	(79) SDSS1104+0246	WFC3/UVIS, ACCUM, UVIS	G280	POS TARG 0.0,-50.0	640 Secs				
							[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]		[1]	
<b>Orbit Structure</b>	<p style="text-align: right;"><b>Server Version: 20090130</b></p> <p>The diagram shows the following sequence of events on a timeline from 0 to 5500 seconds:</p> <ul style="list-style-type: none"> <li>0s: GS Acq (Green bar starts)</li> <li>~300s: Exp. 1 (Green bar)</li> <li>~350s: Overhead (Black bar)</li> <li>~400s: Exp. 2, split 1 (Green bar)</li> <li>~450s: Exp. 2, split 2 (Green bar)</li> <li>~500s: Overhead (Black bar)</li> <li>~1000s: Unused Visibility = 1908 (Green bar)</li> <li>~1050s: Overhead (Black bar)</li> <li>~1400s: Occultation (Green bar ends)</li> </ul>									

<b>Visit</b>	Proposal 11594, Visit 60, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(81)		SDSS0853+4456	RA: 08 53 16.5500 (133.3189583d) Dec: +44 56 16.60 (44.93794d) Equinox: J2000	Redshift: 2.53000	V=18.2560+/-0.0270000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(81) SDSS0853+4456	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
			6						[==>]	[1]
	2		(81) SDSS0853+4456	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
			6					[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at ~300s, Overhead at ~400s, Exp. 2 split 1 at ~500s, Exp. 2 split 2 at ~1000s, another Overhead at ~1200s, and Occultation at ~3300s. A green bar highlights the period from ~1400s to ~3300s, labeled as 'Unused Visibility = 2023'. There are also two black bars below the timeline, one between 500s and 1000s, and another between 1500s and 2000s.</p>									
	<p>Timeline labels: GS Acq, Exp. 1, Overhead, Exp. 2, split 1, Exp. 2, split 2, Overhead, Unused Visibility = 2023, Occultation.</p>									

<b>Visit</b>	Proposal 11594, Visit 61, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(83)	SDSS1318+5312	RA: 13 18 55.7500 (199.7322917d) Dec: +53 12 7.20 (53.20200d) Equinox: J2000	Redshift: 2.32100	V=18.2590+/-0.0260000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(83) SDSS1318+5312	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		2							[==>]	[1]
	2		(83) SDSS1318+5312	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		2						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		



<b>Visit</b>	Proposal 11594, Visit 62, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(87)	SDSS1529+4527	RA: 15 29 49.1600 (232.4548333d) Dec: +45 27 53.00 (45.46472d) Equinox: J2000	Redshift: 2.37300	V=18.2420+/-0.0370000	Reference Frame: SDSS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(87) SDSS1529+4527	(87) SDSS1529+4527	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
									[==>]	[1]
	2	(87) SDSS1529+4527	(87) SDSS1529+4527	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
								[==>350.0 Secs (Split 1)]		
								[==>290.0 Secs (Split 2)]	[1]	



<b>Visit</b>	Proposal 11594, Visit 63, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(90)	SDSS1610+4423	RA: 16 10 3.5400 (242.5147500d) Dec: +44 23 53.70 (44.39825d) Equinox: J2000	Redshift: 2.60000	V=18.2500+/-0.0170000	Reference Frame: SDSS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1		(90) SDSS1610+442	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0		60 Secs	
		3					0		[==>]	[1]
	2		(90) SDSS1610+442	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0		640 Secs	
		3				0		[==>350.0 Secs (Split 1)] [==>290.0 Secs (Split 2)]	[1]	
<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20090130</b></span></p> <p>The diagram illustrates the orbit structure for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows: GS Acq at 0s, Exp. 1 at approximately 300s, Overhead at approximately 400s, Exp. 2 split 1 at approximately 500s, Exp. 2 split 2 at approximately 1000s, another Overhead at approximately 1200s, and Occultation at approximately 3300s. A green bar highlights the period from approximately 1400s to 3300s, labeled as 'Unused Visibility = 2023'. There are also two black bars below the timeline, one between 500s and 1000s, and another between 1500s and 2000s.</p>									

<b>Visit</b>	Proposal 11594, Visit 64, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(92)	SDSS1053+4007	RA: 10 53 15.8900 (163.3162083d) Dec: +40 07 56.40 (40.13233d) Equinox: J2000	Redshift: 2.48200	V=18.2080+/-0.0150000	Reference Frame: SDSS				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>	<b>Orbit</b>
	1	(92) SDSS1053+4007	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO	POS TARG 0.0,-50.0			60 Secs	
		7							[==>]	[1]
	2	(92) SDSS1053+4007	WFC3/UVIS, ACCUM, UVIS	G280		POS TARG 0.0,-50.0			640 Secs	
		7						[==>350.0 Secs (Split 1)]	[1]	
								[==>290.0 Secs (Split 2)]		

